

AR TARGET SHEET

The following document was too large to scan as one unit, therefore it has been broken down into sections.

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EDMC # 00 38560

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0038560
SEC 2Environmental Management
FY96 Field Submission
Activity Data Sheet

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Operations Office: RL ID No.: 6624- 0 Revision Date: 4/19/1994
 ADS Title: PFP
 WBS No.: 1.6.8.2.8.2 Category: FT Appr.:
 Project Title: PLUTONIUM FINISHING PLAN Facility/WAG: PFP
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: CARTMELL, DB Phone: 509-372-3982
 O.O. Manager: MECCA, JE Phone: 509-376-7471
 H.Q. Manager: FELDT, EG Phone: 202-586-1964
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: Y NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: N ST : Y TRI : Y FED : Y FFCA: Y
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	63,057	64,181	A	980	980	980	0
CE	160	341	B	0	0	0	0
GPP	100	0	C	3,005	3,005	3,005	1,229
LI	0	0	D	0	0	0	0
			E	17,768	17,768	18,377	18,037
TOTAL	63,317	64,522	F	33,030	33,030	35,528	31,663
			G	0	0	0	0
			H	0	0	0	0
			I	-5,072	-5,072	-5,072	0
			TOTAL	49,711	49,711	52,817	50,929

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	48,347
CE	1,364
GPP	0
LI	0
TOTAL	49,711

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	48,347	44,493	44,049	48,499	50,524
CE	1,364	1,364	1,364	1,364	1,364
GPP	0	2,500	2,500	2,500	2,200
LI	0	0	0	0	0
TOTAL	49,711	48,357	47,913	52,363	54,088

FTEs	FY94	FY95			
Direct	544	542			
Indirect	403	401			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	355	339	322	317	320
Indirect	263	251	238	235	237
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	48,953	51,005	53,092	54,196	56,379
CE	1,364	1,364	1,364	1,364	1,364
GPP	2,500	2,500	2,500	2,500	2,500
LI	0	0	0	0	0
TOTAL	52,817	54,869	56,956	58,060	60,243

FTEs	FY94	FY95			
Direct	544	594			
Indirect	403	440			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	359	319	322	317	320
Indirect	266	236	238	235	237
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: SURVEILLANCE & MAINTENANCE				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP FACILITY OPERATIONS							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	1,229	1,229	1,229
				D	0	0	0
EW7002000	10,850	9,005		E	3,238	3,238	3,238
35EW70020	0	0		F	4,312	4,312	4,312
39EW70020	0	0		G	0	0	0
39EW70020	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	10,850	9,005		TOTAL	8,779	8,779	8,779

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	8,779
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	8,779

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	8,779	9,180	8,695	9,067	9,450
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	8,779	9,180	8,695	9,067	9,450

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	8,779	8,338	8,695	9,067	9,450
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	8,779	8,338	8,695	9,067	9,450

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Budget Detail Profile

DESC: SURVEILLANCE & MAINTENANCE						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP FACILITY ADMINISTRATION									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7002000	20,688	17,337			E	14,474	14,474	14,476	14,476
35EW70020	0	0			F	2,195	2,195	2,193	2,193
39EW70020	0	0			G	0	0	0	0
39EW70020	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	20,688	17,337			TOTAL	16,669	16,669	16,669	16,669

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	16,669
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	16,669

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	16,669	17,208	17,868	18,582	19,316
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	16,669	17,208	17,868	18,582	19,316

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	16,669	17,178	17,868	18,582	19,316
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	16,669	17,178	17,868	18,582	19,316

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DESC: SURVEILLANCE & MAINTENANCE				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP FACILITY TECHNICAL SUPPORT							
APPROP: D							
				A	0	0	0
				B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	812	812	812
				D	0	0	0
EW7002000	9,904	10,245		E	0	0	0
35EW70020	0	0		F	8,484	8,484	8,483
39EW70020	0	0		G	0	0	0
39EW70020	0	0		H	0	0	0
				I	0	0	0
TOTAL	9,904	10,245		TOTAL	9,296	9,296	8,483

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	9,296
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	9,296

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	9,296	9,492	9,842	10,285	10,735
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	9,296	9,492	9,842	10,285	10,735

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	9,296	9,424	9,842	10,285	10,735
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	9,296	9,424	9,842	10,285	10,735

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DESC: SURVEILLANCE & MAINTENANCE						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP MAINTENANCE									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7002000	7,893	9,580			E	0	0	0	0
35EW70020	0	0			F	6,433	6,433	6,433	6,433
39EW70020	0	0			G	0	0	0	0
39EW70020	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	7,893	9,580			TOTAL	6,433	6,433	6,433	6,433

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	6,433
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	6,433

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	6,433	6,707	6,981	7,279	7,588
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	6,433	6,707	6,981	7,279	7,588

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	6,433	6,690	6,981	7,279	7,588
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	6,433	6,690	6,981	7,279	7,588

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DESC: SURVEILLANCE & MAINTENANCE				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP WORK CONTROL							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW7002000	2,753	3,536		E	0	0	0
35EW70020	0	0		F	2,047	2,047	2,047
39EW70020	0	0		G	0	0	0
39EW70020	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	2,753	3,536		TOTAL	2,047	2,047	2,047

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	2,047
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	2,047

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	2,047	2,134	2,222	2,317	2,416
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	2,047	2,134	2,222	2,317	2,416

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	2,047	2,129	2,222	2,317	2,416
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	2,047	2,129	2,222	2,317	2,416

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DESC: DEACTIVATION/COMPLIANCE ACTIONS				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP REACTIVE MATERIAL MANAGEMENT							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW7003000	14,623	14,839		E	0	0	0
35EW70030	0	0		F	4,795	4,795	4,795
39EW70030	0	0		G	0	0	0
39EW70030	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	14,623	14,839		TOTAL	4,795	4,795	4,795

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7003000	4,795
35EW70030	0
39EW70030	0
39EW70030	0
TOTAL	4,795

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7003000	4,795	2,618	1,647	1,696	1,747
35EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
TOTAL	4,795	2,618	1,647	1,696	1,747

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7003000	4,795	1,587	1,647	1,696	1,747
35EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
TOTAL	4,795	1,587	1,647	1,696	1,747

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DESC: SURVEILLANCE & MAINTENANCE					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AG					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP NUCLEAR MATERIAL STORAGE								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7002000	0	-0		E	0	0	0	0
35EW70020	0	0		F	-0	-0	-0	-0
39EW70020	0	0		G	0	0	0	0
39EW70020	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	0	-0		TOTAL	-0	-0	-0	-0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	-0
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	-0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	-0	-0	-0	0	-0
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	-0	-0	-0	0	-0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	-0	-0	-0	0	-0
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	-0	-0	-0	0	-0

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				FY96 DRIVER CATEGORY			
DESC: SURVEILLANCE & MAINTENANCE				DECREMENT	TARGET	PLAN	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AH							
TITLE: PFP SAFEGUARDS & SECURITY							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW7002000	1,114	1,062		E	0	0	0
35EW70020	0	0		F	1,093	1,093	1,093
39EW70020	0	0		G	0	0	0
39EW70020	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	1,114	1,062		TOTAL	1,093	1,093	1,093

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	1,093
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	1,093

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	1,093	1,125	1,159	1,194	1,230
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	1,093	1,125	1,159	1,194	1,230

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	1,093	1,125	1,159	1,194	1,230
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	1,093	1,125	1,159	1,194	1,230

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DESC: DEACTIVATION/COMPLIANCE ACTIONS
SUB-DESC: PROGRAM: EM SUBACT: AI
TITLE: TRANSITION PROJECTS SUPPORT
APPRO: D

DESC: DEACTIVATION/COMPLIANCE ACTIONS				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AI				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TRANSITION PROJECTS SUPPORT							
APPROP: D							
				A	0	0	0
				B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	964	964	0
				D	0	0	0
EW7003000	0	3,767		E	56	663	323
35EW70030	0	0		F	2,307	2,307	2,307
39EW70030	0	0		G	0	0	0
39EW70030	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	3,767		TOTAL	3,327	3,933	2,629

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DESC: DEACTIVATION/COMPLIANCE ACTIONS						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP ENVIRONMENTAL SUPPORT									
APPROP: D									
					A	980	980	980	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7003000	0	1,255			E	0	0	0	0
35EW70030	0	0			F	0	0	0	0
39EW70030	0	0			G	0	0	0	0
39EW70030	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	1,255			TOTAL	980	980	980	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7003000	980
35EW70030	0
39EW70030	0
39EW70030	0
TOTAL	980

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7003000	980	766	789	812	837
35EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
TOTAL	980	766	789	812	837

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7003000	980	766	789	812	837
35EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
39EW70030	0	0	0	0	0
TOTAL	980	766	789	812	837

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DESC: DEACTIVATION/COMPLIANCE ACTIONS					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP CENRTC/GPPs/LIs								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7003000	0	0		E	0	0	0	0
35EW70030	160	341		F	1,364	1,364	3,864	0
39EW70030	100	0		G	0	0	0	0
39EW70030	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	260	341		TOTAL	1,364	1,364	3,864	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7003000	0
35EW70030	1,364
39EW70030	0
39EW70030	0
TOTAL	1,364

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7003000	0	0	0	0	0
35EW70030	1,364	1,364	1,364	1,364	1,364
39EW70030	0	2,500	2,500	2,500	2,200
39EW70030	0	0	0	0	0
TOTAL	1,364	3,864	3,864	3,864	3,564

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7003000	0	0	0	0	0
35EW70030	1,364	1,364	1,364	1,364	1,364
39EW70030	2,500	2,500	2,500	2,500	2,500
39EW70030	0	0	0	0	0
TOTAL	3,864	3,864	3,864	3,864	3,864

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Budget Detail Profile

						FY96 DRIVER CATEGORY			
DESC: PFP INVENTORY CHANGE						DECREMENT	TARGET	PLAN	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: IA									
TITLE: PFP INVENTORY CHANGE									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7080010	0	0			E	0	0	0	0
	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7080010	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7080010	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7080010	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: SURVEILLANCE & MAINTENANCE				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: MR				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP MANAGEMENT RESERVE/PRODUCTIV							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW7002000	-4,767	-6,445		E	0	0	0
35EW70020	0	0		F	0	0	0
39EW70020	0	0		G	0	0	0
39EW70020	0	0		H	0	0	0
			I	-5,072	-5,072	-5,072	0
TOTAL	-4,767	-6,445		TOTAL	-5,072	-5,072	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	-5,072
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	-5,072

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	-5,072	-8,505	-9,043	-5,697	-5,856
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	-5,072	-8,505	-9,043	-5,697	-5,856

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	-5,072	0	0	0	0
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	-5,072	0	0	0	0

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Al06 Cross References

Al06 Number: B-680

Date: 6/23/92

Title: PFP LIQUID LOW LEVEL WASTE SYSTEM MODIFICATION

Federal Facility Identification: HANFORD

Region: 10

Status:

Assessment:

Progress: CON

Date: 6/23/92

Al06 Number: C-116

Title: PFP WASTE WATER DISPOSAL

Federal Facility Identification: HANFORD

Region: 10

Status:

Assessment:

Progress: DES

Date: 6/23/92

Al06 Number: C-196

Title: 234-5Z DRAINAGE CONTAINMENT

Federal Facility Identification: HANFORD

Region: 10

Status:

Assessment:

Progress: DES

Date: 6/23/92

Al06 Number: C-31

Title: C-31

Federal Facility Identification: HANFORD

Region: 10

Status:

Assessment:

Progress: CON

Date: 6/23/92

Al06 Number: PERMIT-002

Title: PERMIT - 002

Federal Facility Identification: HANFORD

Region: 10

Status:

Assessment:

Progress: WRK

Tiger Team Cross References

Tiger Team Finding Number: N/A

Date:

Title: N/A

FY95-99 ADS Cross References

ADS #: RL 4170 0

Title: PLUTONIUM FINISHING PLANT

Transferred in its entirety: Y

Explanation of Change:

Transferred from ADS 4170 (EM-30) to ADS 6624 (EM-60) to complete the transfer from Waste Management to Facility Transition Program

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MILESTONES

Milestone No.: FOP-94-086 Milestone Seq: 6624-00-0045 TPA MS NO.: N/A

Title: Complete Aqueous Download

Planning Date Target Date Decrement Date Level: FO Keyword:
3/31/1994 3/31/1994 3/31/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: Rad Con Manual

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

Complete approximately 1500 liters of less than 1 gram per liter aqueous-based Pu solution (457 grams Pu total) from PRF to 241-Z pending transfer to Tank Farms. The PRF solutions will be diluted to meet Tank Farms specifications.

Milestone No.: FOP-94-087 Milestone Seq: 6624-00-0055 TPA MS NO.: N/A

Title: Complete Organic Download

Planning Date Target Date Decrement Date Level: FO Keyword:
3/31/1994 3/31/1994 3/31/1994 PTS: N SMS: N

Driver Name: Driver Reference:

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Download approximately 250 liters of organic solution from PRF, generated during PRF Training Run activities.

Milestone No.: FOP-94-070 Milestone Seq: 6624-00-0030 TPA MS NO.: M-17-16

Title: Implement PFP Low Level Waste Treatment Facility (B680H)

Planning Date Target Date Decrement Date Level: FO Keyword:
5/31/1994 5/31/1994 5/31/1994 PTS: N SMS: Y

Driver Name: TRI Driver Reference: M-17-16

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

Start operations in 243-Z Low Level Waste Treatment Facility.

Milestone No.: FOP-94-071 Milestone Seq: 6624-00-0035 TPA MS NO.: N/A

Title: Complete PRF Upgrade (B610)

Planning Date Target Date Decrement Date Level: FO Keyword:
5/31/1994 5/31/1994 5/31/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: 4700.1

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

Replaces antiquated non-human factored operation instrumentation with reliable and maintainable equipment.

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— MILESTONES Continued —

Milestone No.: FOP-94-084 Milestone Seq: 6624-00-0025 TPA MS NO.: N/A

Title: Low-Pu Sludge Stabilization Complete

Planning Date Target Date Decrement Date Level: CNTR Keyword:
6/11/1994 6/11/1994 6/11/1994 PTS: N SMS: N

Driver Name: DOE Driver Reference: Rad Con Manual

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

Complete cement stabilization of 30 total items of low Pu content reactive scrap currently being stored in sludge form.

Milestone No.: FOP-94-090 Milestone Seq: 6624-00-0060 TPA MS NO.: N/A

Title: PFP OSR-010 Implementation

Planning Date Target Date Decrement Date Level: FO Keyword:
7/26/1994 7/26/1994 7/26/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: DOE 5840.22

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

Complete the implementation of the Operational Safety Requirements included in the WHC-SD-CP-OSR-010 Document.

Milestone No.: Milestone Seq: 6624-00-0005 TPA MS NO.: N/A

Title: COMPLETE DEFINITIVE DESIGN OF C-196

Planning Date Target Date Decrement Date Level: CNTR Keyword:
8/31/1994 8/31/1994 8/31/1994 PTS: N SMS:

Driver Name: DOE Driver Reference: DOE 4700.1

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Complete definitive design for C-196, Miscellaneous Stream Secondary Waste Line Containment.

Milestone No.: FOP-94-081 Milestone Seq: 6624-00-0040 TPA MS NO.: N/A

Title: Submit FSAR Chapter 9

Planning Date Target Date Decrement Date Level: FO Keyword:
8/31/1994 8/31/1994 8/31/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: 5480.23

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

Submit the revision of Chapter 9 of the document WHC-SAR-021 (PFP FSAR) to DOE-RL.

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Milestone No.: FOP-94-082 Milestone Seq: 6624-00-0015 TPA MS NO.: N/A

Title: High-Pu Sludge Stabilization Declaration of Readiness

Planning Date Target Date Decrement Date Level: FO Keyword:
9/15/1994 9/15/1994 9/15/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: Rad Con Manual

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

WHC's Readiness Review report for Sludge Stabilization operations in HC-21C is reviewed and the Plant Manager has issued a Declaration of Readiness letter to DOE-RL.

Milestone No.: FOP-94-085 Milestone Seq: 6624-00-0050 TPA MS NO.: N/A

Title: Complete Decontamination of Duct Level

Planning Date Target Date Decrement Date Level: CNTR Keyword:
9/21/1994 9/21/1994 9/21/1994 PTS: N SMS: N

Driver Name: DOE Driver Reference: Rad Con Manual

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

Duct level rooms 262, 263, 264, 308, 230 A, B, C will be released from SCA status to RCA status. This decom effort will release floors, equipment, and walls to a height of 8 feet.

Milestone No.: Milestone Seq: 6624-00-0075 TPA MS NO.: M-32-01

Title: COMPLETE PROJECT C-031H

Planning Date Target Date Decrement Date Level: FO Keyword:
12/31/1994 12/31/1994 12/31/1994 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: M-32-01-T03

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Construction of 241-Z hazardous waste tank piping secondary containment.

Milestone No.: FOP-94-083 Milestone Seq: 6624-00-0020 TPA MS NO.: N/A

Title: High-Pu Sludge Stabilization Complete

Planning Date Target Date Decrement Date Level: FO Keyword:
8/03/1995 8/03/1995 8/03/1995 PTS: N SMS: N

Driver Name: DOE Driver Reference: Rad Con Manual

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Complete Thermal Stabilization in Glovebox HC-21C of 236 total items of reactive scrap in sludge form which are less than 2% organic concentration.

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Milestone No.: Milestone Seq: 6624-00-0070 TPA MS NO.: N/A
Title: Submit FSAR Annual Update
Planning Date Target Date Decrement Date Level: FO Keyword:
8/31/1995 8/31/1995 8/31/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5480.23
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Incorporate DOE comments from last year's SAR, update as necessary and submit to DOE for approval.

Milestone No.: FOP-94-089 Milestone Seq: 6624-00-0065 TPA MS NO.: N/A
Title: Complete 10-L Project
Planning Date Target Date Decrement Date Level: FO Keyword:
9/18/1995 9/18/1995 9/18/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: Rad Con Manual
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Complete transloading of solutions from 27 type 10-L container into poly bottles. During the transload operation, laboratory tests will be performed on these low-concentration Pu solutions to support environmental analysis.

Milestone No.: Milestone Seq: 6624-00-0010 TPA MS NO.: M-20-48
Title: SUBMIT 241-Z TREATMENT AND STORAGE TANKS PART B PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword:
5/31/1996 5/31/1996 5/31/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: M-20-48
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
To obtain approval as qualified RCRA TSD Storage Tanks a Part B Permit must be submitted.

NARRATIVE

LAST UPDATE: 04-27-1994 TIME: 10:53:48

Technical Scope Summary(Limit 15 line or less):

The Plutonium Finishing Plant (PFP) provides for the stabilization of in-process nuclear materials, safe and compliant operation of the facility, and safe, secure storage of SNM. Operations expected to be conducted (or prepared for) include special nuclear material (SNM) handling and storage, plutonium scrap stabilization, laboratory support, waste handling, and facility surveillance. Most of Hanford Site's remaining SNM inventory

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continues to be stored in safe, secure vaults within the PFP protected area and this storage mission is expected to continue for the foreseeable future.

An EIS has been ordered prepared for stabilization activities at the PFP. While the EIS is being prepared a set of interim actions by the PFP will resolve many of the current safety and glovebox storage concerns in the plant.

Technical Scope Detail(Limit 104 lines or less):

This program provides for the operation and maintenance of the PFP in a formal, safe and secure manner in compliance with applicable regulations. Materials that remain in plant ducting that were to be stabilized and vaulted in FY 1995 will remain in their current location which requires a sustaining level of accountability, surveillance, and maintenance support. Storage activities include surveillance, occasional container handling required for stabilization of some materials, and shipping and receiving of SNM as directed by the DOE.

The major operations buildings are 234-5Z, 236-Z, 241-Z, 291-Z, 2736-Z, and 2736-ZB. The 234-5Z building houses the standby Remote Mechanical C (RMC) and inactive Remote Mechanical A (RMA) Lines, Analytical Lab and PPSL, various workshops, store rooms, offices, and locker rooms. The 236-Z building houses the standby Plutonium Reclamation Facility (PRF). The 241-Z building houses tanks which receive and act as intermediate storage for high and low salt chemical wastes formerly produced by the RMC and PRF production processes and the laboratories. Equipment is housed in the 291-Z building to handle the ventilation exhaust from 234-5Z, 236-Z, and 242-Z buildings. Product handling operations are conducted in 2736-ZB. Vaults for Pu material storage are in the 2736-Z building.

The Department of Energy (DOE) has identified a need to improve the safety posture of the PFP in a timely manner. Residue SNM material remaining in the non-vault areas of the PFP (left-over from previous operations) cannot be safely stored in its present 'reactive' condition. Due to its chemical or physical form, it could cause corrosion, pressurization or fires in the storage containers. Also, workers will continue to receive increasingly higher radiation doses while monitoring the materials and maintaining the facility. For these reasons the residues need to be stabilized to improve the safety of the facility. This is the first step in cleaning up the PFP facility from its previous production mission.

Interim actions that can be pursued within current operational and legal requirements which lead to mitigation of immediate safety concerns will continue throughout 1995. The objectives of the interim actions are to address Stakeholder's concerns by reducing scope of PRF Operations, mitigate the most immediate safety concerns of the facility, reduce personnel exposure, and show progress in preparing the PFP for

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Decontamination and Decommissioning (D&D). Removal and disposition of plutonium bearing materials held up in process equipment, ducts, canyon, and glovebox floors are not addressed by the current scope of the interim actions.

An Environmental Impact Statement (EIS) to determine shutdown options, including analysis of any future environmental and waste management missions at PFP, is being prepared by USDOE-RL. The EIS would evaluate storage and disposition of all materials remaining within the PFP. The desired end-state for PFP is a minimum maintenance and surveillance condition, D & D ready, with all Special Nuclear Materials (SNM) safely stored and managed pending an agency decision on ultimate disposition. A decision on the disposition of chemically reactive plutonium bearing materials remaining after interim actions including the bulk of the nitrate solutions, and other plutonium bearing materials not suitable for long term vault storage is to be addressed.

The EIS will be prepared by a third party contract to RL and funded out of program funds. The EIS is to be used to determine the most reasonable method to handle remaining un-stabilized Pu-bearing materials and to determine the future mission of the PFP. Depending on the results of the EIS planning and engineering will be initiated for terminal cleanout of the PFP or initiation of various operational activities to support Environmental Restoration at Hanford. Funding for the preparation of NEPA documentation (EIS) is currently not available in FY 1995.

Continued operation of storage vaults and associated security and support requirements will continue indefinitely until the SNM is transferred to another onsite or offsite facility. Technical training support is included which consists of development of training certification packages and performance of training and testing. Dangerous Waste Tanks-- Conduct and report on periodic integrity assessments of dangerous waste tank systems, perform related evaluations, engineering studies, FDCs, and CDRs, and provide expense support for capital projects necessary to correct identified deficiencies, as required by RCRA and WAC 173-303.

Air and Liquid Effluent--Perform BAT/AKART evaluations, engineering studies, FDCs, CDRs; provide expense support for projects necessary to discontinue the discharge of liquid effluent and miscellaneous waste water streams to the soil column and to reduce and/or monitor airborne effluent emission sources to comply with the Clean Air Act. Conduct air emission inventories, update Facility Effluent Monitoring Plans (FEMPs), assess compliance with NESHAPs (40 CFR 61) monitoring requirements, and support preparation of annual Hanford Site air emissions reports. RCRA Permitting--Develop and submit RCRA Part A and B permit applications and closure plans for TSD units at PFP (M-20-48) and respond to Notices of Deficiencies (NODs). Prepare waste handling and minimization plans and reports, dangerous waste and chemical inventory reports, process waste assessments, etc.

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Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

All preparation activities at the PFP for the Interim Stabilization Actions to stabilize remaining in-process sludge have been initiated, and some have been completed: including the low Pu sludge stabilization; downloading of both the aqueous and organic solutions from the process systems; and decontamination of the dust level rooms was completed.

Concurrent activities, including storage of SNM in safe, secure vaults at the PFP continued. Shipments and receipts of SNM were performed at the direction of the DOE. Un-irradiated FFTF fuel remains at the PFP for storage.

The PFP physical plant was maintained in a safe and secure condition, awaiting restart of the PRF, which is now in abeyance while the EIS is being prepared. All safety systems required for this outage condition are maintained operational, e.g., fire systems, effluent monitoring, criticality alarm systems, air quality monitoring systems, etc. Utility services and ventilation systems are maintained and operated to maintain compliance with regulations.

The NEPA EA documentation for PFP stabilization run was initiated and then placed on hold. An engineering study by PNL to review alternatives for disposition of reactive plutonium bearing materials at PFP was initiated. Dangerous Waste Tanks--Interim status tanks were identified and assessed for compliance with Ecology requirements (WAC 173-303). Negotiations were completed to establish a TPA milestone (M-32-01) to conduct integrity assessments and related upgrades. Tank integrity assessments were completed for PFP and reports were submitted to Ecology. An engineering study detailing RCRA deficiencies with PFP's Building 234-5Z waste line secondary containment was submitted to Ecology. A FDC and ECMP were completed for Project C-196 to upgrade the 234-5Z waste line's secondary containment. Project C-031H (upgrade of PFP's 241-Z Waste Treatment Tanks) was initiated.

Air and Liquid Effluent--A NESHAPs compliance plan was submitted to EPA and a FFCA negotiated. New TPA milestones (under M-17-00) were created to require additional liquid effluent studies, flow reductions, installations, closed loop cooling and treatment projects, impact assessments of receiving sites, and sampling and analysis plans. An engineering study, FDC, and ECMP were completed for the PFP Miscellaneous Streams (Project C-116). The PFP waste water treatment facility (Project B-680H) and PFP Closed Loop Cooling (Project C-040) were completed.

RCRA Permitting--An application was submitted to modify the PFP Part A permit applications to allow storage. A TPA change request was approved by Ecology to reschedule submittal of the PFP Part B permit application by May 31, 1996 as TPA milestone M-20-48.

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Budget Year (FY 1995) Description(Limit 52 lines or less):

Significant progress towards transition of the process areas to a minimum standby status will occur during the budget year. As standby tasks are completed there will be a commensurate rampdown of staff. Close to minimum standby status of the PFP complex will be achieved and the plant will remain in that status until directed per the PFP EIS ROD.

In addition to maintaining the facility in a minimum safe and environmentally sound condition, key plant activities include interim actions that can be pursued within current operational and legal requirements which lead to mitigation of immediate safety concerns such as sludge drying, source term reduction (exception is duct remediation) and repackaging hazardous plutonium bearing sludge and plutonium bearing liquids in deteriorating 10-L containers. These actions address Stakeholder's concerns by reducing scope of PRF Operations, mitigate the most immediate safety concerns of the facility, reduce personnel exposure, and show progress in preparing the PFP for Decontamination and Decommissioning (D&D).

In addition the first annual update of the revised Safety Analysis Report is scheduled. Various small plant capital equipment renovations have been identified that would improve operations and thereby reduce future operational costs would be supported.

Dangerous Waste Tank-- Support completion upgrades to the 241-Z tank system piping (Project C-031H) by December 1994 per TPA target milestone M-32-01-T03. Perform periodic integrity reassessments, as necessary. Complete design and construction of Project C-196 (234-5Z waste line secondary containment) using prior year GPP funding.

Air and Liquid Effluent-- Cease discharges of liquid effluent to Z-20 and reroute streams to TEDF per TPA milestone M-17-00. Complete design and construction of Project C-116 (PFP miscellaneous waste water stream disposal) using prior year GPP funding. Complete air emissions inventories and provide information as necessary to support the Hanford Site Air Operating Permit required by the Clean Air Act. RCRA Permitting-- Start preparation of the PFP TSD Units' Part B permit application.

Partial funding is available to support the PFP EIS process. Activities supported include in plant technical studies to evaluate potential alternatives to be included in the EIS alternative analysis. Also, in plant staff will be available to provide plant operating data, process system capability studies, SNM holdup analysis, and material stabilization requirements.

Based on an assessment of required workscope and projected out-year funding levels, the workscope identified in this ADS assumes a redistribution of

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Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$3,103K resulting in a new total of \$64,522K. These adjustments may require a FY 1995 budget amendment. This total includes a productivity commitment of \$6.5M

Planning Year (FY 1996) Description(Limit 156 lines or less):
Decrement/Target Level Activities:

FACILITY OPERATIONS ACTIVITY: provides 24-hour supervision and operational surveillance activities to ensure the plant is operated and maintained in a safe, secure, environmentally sound, and efficient manner. Direct facility supervision and 24-hour operational surveillance is provided for alarm response, access control to the facility, laundry handling, operation of the plastic fabrication shop and storeroom, consumable operating supplies, general facility (non-process areas) housekeeping, ventilation and power systems, radiological surveillance, environmental monitoring and waste monitoring. Radioactive, hazardous, non-regulated and radioactive mixed waste is handled, packaged, inspected, sampled and shipped in waste drums and burial boxes in accordance with all regulations. In addition, this activity includes investigations, corrective actions and reporting of occurrences at PFP in compliance with DOE Order 5000.3A. \$8,779 K

FACILITY ADMINISTRATION ACTIVITY: includes general plant management, general budget assessments, operational assurance, training management, and plant administration. Base Assessments for site services to PFP facilities such as steam, water, electricity, electrical services maintenance, laundry/mask cleaning, facility services, central job control system development, and the 222-S Lab are charged to this activity. Environmental Assessments for disposal of non-radioactive hazardous wastes (both on-site and off-site), and general environmental studies or programs which are required on a site-wide basis are charged to this activity. Tasks to promote safe, efficient operation of the plant, such as the Operational Excellence Program, ALARA activity coordination, off-normal event reporting and review, criticality safety and operating safety requirement coordination, internal safety assessment support are included in this activity. Corrective action tracking; editing of administrative and emergency procedures; emergency drill program management; plant status reporting; and maintenance of the integrated plant schedule is included. \$16,669 K

FACILITY TECHNICAL SUPPORT ACTIVITY: provides the non-operating technical support required to maintain the PFP in a viable condition, and promoting radiologically safe and efficient work conditions. Included are activities such as: analytical support for plant operation and environmental sampling and analysis; maintenance and revision of technical documentation (e.g. FSAR, operating procedures, technical manuals); management of quality records; plans and studies necessary to support continued plant integrity; criticality engineering and analysis; and general program technical.

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General facility support is provided to the general operation of the facility including such areas as; Quality Engineering and Quality Control; configuration control; issuance of design drawings; vendor information and construction project files maintenance; engineering instructions development, review, and issuance; and essential drawing as-building.

\$9,296 K

MAINTENANCE: of the PFP includes those activities that are designed to ensure that all plant systems and equipment achieve the maximum reliability and availability, in a safe, environmentally sound, and efficient manner. Maintenance operations include preventive maintenance, predictive maintenance and corrective maintenance functions. Crafts resources, supervisory and administrative resources, and consumable material are included. The automated PM database is utilized for PFP facilities and non-process equipment. Technical criteria for adequate PM programs and implementation via upgraded procedures is provided.

\$6,433 K

WORK CONTROL: includes outage/operations planning, material management, spares inventory control, spares inventory change, and job control. Outage/Operations Planning includes the development and management for integrated schedule and preventive maintenance activities. Job Control includes work package preparation, scheduling and closeout responsibilities for maintenance activities, including controlling documentation.

\$2,047 K

REACTIVE MATERIAL MANAGEMENT: includes scrap stabilization operations, remedial activities, process area maintenance, and process quality and technical support. Scrap stabilization operations includes the direct supervision and operation of scrap stabilization processes in hoods and gloveboxes. Remedial activities lead to the reduction, disposition or containment of radioactive/hazardous materials which includes the isolation and source term reduction efforts, and disposition of unused hazardous chemicals. Process area maintenance performs preventive and corrective maintenance of process facilities and equipment and includes crafts time, consumable material costs and other support as required. Process Quality and Technical Support includes the technical support for characterization of scrap forms; processing intermediates and end product content, including analytical laboratory.

\$4,795 K

NUCLEAR MATERIAL STORAGE: (this activity is completely funded by DP and is not part of this ADS).

\$0 K

SAFEGUARDS AND SECURITY: includes basic security for facilities within the PFP complex, patrol support, maintenance of the security systems, SNM custodial support, safeguards inventory support, security control documentation, and plant management and Safeguards and Security interface. However, this activity is 91% funded by the DP Program, the residual amount is the amount is funded by this ADS.

\$1,093 K

NARRATIVE Continued

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NARRATIVE Continued

ENVIRONMENTAL COMPLIANCE: annual integrity reassessments will be performed. Air and Liquid Effluent--Annual FEMP updates will be prepared. Definitive design and construction of NESHAPs upgrades (if necessary) will be completed. Biannual air emissions inventories will be completed. FDCs and CDRs for projects to disposition miscellaneous streams (if necessary) will be prepared. RCRA Permitting-- Complete and submit the Part B permit application for the PFP TSD Units Part B permit application by May 1996 to meet TPA milestone M-20-48. Air and Liquid Effluent-- Prepare annual FEMP updates, as necessary. Complete biannual air emissions inventories. Dangerous Waste Tank-- Complete periodic integrity reassessments, as necessary. \$980 K

TRANSITION PROJECTS SUPPORT: Develop training certification packages for operators, maintenance personnel, engineers and other designated groups, and perform training for certification to comply with DOE orders. Technical Training--Provides instructors, clerical, materials and equipment for training Nuclear Process Operators at the PFP and PUREX/UO3 facilities to a training support level necessary to meet DOE training orders and conduct of operation. The account will maintain all Nuclear Process Operators certification packages as changes occur in the plant configuration and in governing training orders. Integrated planning of the training program is also provided. The independent contractor EIS activity managed by the Department of Energy will be initiated. The EIS preparation and public review/comment leading to a Record of Decision is tentatively targeted to take 14-18 months proceeding the publication of the Notice of Intent. Plant staff will be available to provide data and perform reviews as required. (Note, funding for this activity is also included in subactivities AB and AC) \$3,327 K

At the target/decrement level a minimal level of capital would be available to ensure the Facility is maintained to a safe compliant condition. \$1364 K

PRODUCTIVITY COMMITMENT (\$5,072 K)

DECREMENT/TARGET CASE TOTAL \$49,711 K

At the planning level funds will be provided to modify plant facilities which could reduce long term plant operations. As a normal course of facility operations the routine replacement of aging plant systems will minimize plant operating and maintenance costs. \$2,500 K

PROJECT SUPPORT: Support for PFP non-environmental and environmental candidate project studies including engineering studies, FDC's and CDR's. \$373 K

PLANNING CASE TOTAL \$52,584 K

NARRATIVE Continued

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~~NARRATIVE Continued~~

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

The PFP complex will be maintained and operated in a safe, secure manner in compliance with regulations in a minimum standby status. Sufficient funding should be available to ensure Order and regulatory compliance. Required safety and environmental monitoring systems will be maintained in operational condition. Utility and ventilation services will be maintained as needed.

The final interim action , duct remediation, will be initiated in FY 1997. This activity will conclude those originally identified activities to be pursued during the term of the EIS preparation. This will leave the cleanup/remediation of a number of PFP areas that have not been included in the scope and budget projection of this ADS pending the results of the EIS. The workscope for areas to be cleaned up that need to be added in future budget submittals are the 242-Z facility (Americium-241 processing area), the 241-Z retention basis near 241-Z, the Z-9 facility, the 234-5Z ventilation ducting and process vacuum piping, the underground solid settling tank (Tank 361, which contains an estimated 30 Kg Pu), and the SNM holdup in the 231-Z building, the two unused open-faced hoods in Room 159 (Instrument Shop) of Analytical Laboratory rooms 134 (adjacent to the 242-Z facility) and 156.

Additionally, removal of a number of PFP areas have not been included in the scope and budget projection pending the results of the EIS. Those areas are the RMA line gloveboxes, hoods and related systems, the gloveboxes in Room 235-C, and the single, large glovebox in RADTU at the foot of the stairs.

Storage of SNM in safe, secure vaults in the PFP complex will continue for the foreseeable future. Consolidation of some materials from other Hanford locations to PFP vaults is anticipated. Periodic inspection and repackaging of stored SNM will be required; three process gloveboxes will be maintained in an operational status for sorting/repackaging, thermal stabilization and dissolution for stabilization. Funding for SNM storage will be provided by DP in out-years.

Laboratory support will be maintained. Based on determination of the regulatory status of the SNM in PFP vaults, planning for submission of regulatory response may take place. If required, a characterization program will be implemented.

Planning for terminal cleanout and potential future operating missions will continue on a limited basis until the results of the PFP EIS are determined. A nominal funding requirement has been included in FY 1997 and FY 1998 to initiate detailed terminal cleanout planning. Should the ROD direct activities other than minimum standby and subsequent shutdown, incremental funding will be required.

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

Provides instructors, clerical support, materials and equipment for training Nuclear Process Operators to a training support level necessary to meet DOE training orders and conduct of operation. The account will maintain all Nuclear Process Operators certification packages as changes occur in the plant configuration and in governing training orders. In 1997 and beyond, training certification packages will also be developed for: laboratory technician training, fundamentals training, supervisor training, and power operator training. Integrated planning of the training program is also provided.

Dangerous Waste Tank-- Perform periodic integrity reassessments, as necessary. Air and Liquid Effluent-- Prepare annual FEMP updates, as necessary. Complete biannual air emissions inventories. RCRA Permitting-- Submit NOD responses, revisions 1 and 2, and page changes and complete public review for the PFP TSD units' Part B permit application as required by the TPA as follow-up to milestone M-20-48.

Impacts/Assumptions(Limit 42 lines or less):

At the FY 1995 and 1996 target level, there is no funding for the duct remediation portion of the interim actions. This activity will be continued in FY 1997. While this activity remains uncompleted a significant risk remains unmitigated, and sustaining levels of accountability, surveillance, and maintenance support is required. Until the PFP EIS is completed and the DOE-HQ decides the ultimate disposition of Pu the future mission of the PFP vaults and laboratory is expected to continue indefinitely. Vault storage requirements will continue well beyond the year 2000 to store SNM, regardless of the categorization of various items. There will be a need to continue storage of SNM at the Hanford Site and a necessary desire to introduce a national policy for SNM management. Certain categories of scrap SNM even though still considered a national asset may possess hazardous characteristics or constituents. To the extent the scrap SNM possesses hazardous constituents or characteristics, it may be subject to RCRA or WAC permitting and management requirements.

The EIS Record of Decision is scheduled to be issued on July 15, 1995 at the planning case. Program execution and funding levels for out-years will be substantially affected by the PFP EIS ROD.

Modifications to receive and store FFTF green fuel will be funded from the NE Program.

DP will continue to maintain the current funding level for continued storage and management of SNM fuels/materials inventories pending throughout this planning period.

Detailed planning for transition to standby has not begun. Staffing levels for maintenance of safe standby conditions are based on existing technical judgment of the actions required.

An effort will be completed at the end of FY 1994 that will produce an activity based cost estimate that will incorporate all safe compliance issues into a systems engineering/projectization management approach. It is

~~NARRATIVE Continued~~

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NARRATIVE Continued

assumed that a graded approach to a training program implementation will be taken which permits necessary training to be performed within the DOE Request budget of this ADS.

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

Supporting Documents(Limit 5 lines or less):

FEDERAL REGULATIONS: Atomic Energy Act of 1954 (Chap. 1), 40CFR1500-1508, 10CFR1021, 40CFR191, 40CFR261, 40CFR262. DOE ORDERS: 4330.4A, 5000.3A, 5480.10, 5480.1B, 5480.USQ, 5481.1B, 5480.18, 5480.19, 5480.25, 5480.22, 5480.23, 5630.11, 5632.2A, 5820.2A, 6430.1A, WAC 173-303 Section 110.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

CAA:

The Clean Air Act provides policy and guidance related to release of air emissions that may be present during shutdown and cleanup activities.

CERCLA:

CERCLA provides EPA with enforcement authority for cleaning up contaminated subprojects waste sites, and is part of the regulatory authority for the TPA.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

CWA:

The Clean Air Act establishes water quality standards for surface water and pretreatment standards for waste waters released to public-owned treatment works.

DOE:

Various DOE Orders provide and/or implement best management practices for policy and guidance to Transition Projects. The work scope, cost, and schedule are a direct result of conforming to these various orders.

FED:

There are various Federal regulations and requirements pertaining to waste management, environmental, and administrative issues.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

FFCA:

The Federal Facility Compliance Act provides for DOE to enter into Federal Facility Compliance Agreements with the individual states to address environmental issues.

NEPA R:

Application of NEPA to the subproject activities is to ensure that potential impacts of assessments and cleanup activities are assessed.

OSHA:

The Occupational Safety and Health Act applies to any action involving the health and safety of employees in the work place.

RCRA:

RCRA provides Ecology enforcement authority for those units managing, treating, storing, or disposing of hazardous waste under RCRA.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

There are variou other state regulations and requirements that pertain to waste management, environmental, and administrative issues.

TRI:

The Federal Facility Compliance Act provides EPA with the authority to regulate chemical substances where necessary.

TSCA:

The Toxic Substances and Control Act provides EPA with the authority to regulate chemical substances where necessary.

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Operations Office: RL ID No.: 6625- 0 Revision Date: 4/24/1994
ADS Title: NEW FACILITY PLANNING EM-60
WBS No.: 1.6.8.2.8.6 Category: FT Appr.:
Project Title: NEW FACILITY PLANNING Facility/WAG: PFP
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: TPC: 80931 TEC: 47800
Contig: 47800
CNTR Manager: CARTMELL, DB Phone: 509-372-3982
O.O. Manager: MECCA, JE Phone: 509-376-7471
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	0	1,659		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	0	1,659		F	0	1,082	3,397	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	-102	-102	0
				TOTAL	0	980	3,295	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	980	3,751	2,192	3,275	3,198
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	5,000	10,135	3,405
TOTAL	980	3,751	7,192	13,409	6,603

FTEs	FY94	FY95
------	------	------

Direct	0	17
Indirect	0	12
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
------	------	------	------	------	------

Direct	10	26	36	76	65
Indirect	8	19	26	57	48
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	3,295	2,462	3,935	4,171	3,684
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	11,200	9,835	7,000
TOTAL	3,295	2,462	15,136	14,006	10,683

FTEs	FY94	FY95
------	------	------

Direct	0	38
Indirect	0	28
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
------	------	------	------	------	------

Direct	32	23	75	76	71
Indirect	24	17	56	56	53
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: SURVEILLANCE & MAINTENANCE						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP SAFEGUARDS AND SECURITY UPGR									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7002000	0	1,710			E	0	0	0	0
35EW70020	0	0			F	0	1,082	1,200	0
39EW70020	0	0			G	0	0	0	0
39EW70020	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	1,710			TOTAL	0	1,082	1,200	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	0
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	1,082	536	1,604	1,770	1,211
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	5,000	4,835	0
TOTAL	1,082	536	6,604	6,605	1,211

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	1,200	199	1,604	1,770	1,211
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	5,000	4,835	0
TOTAL	1,200	199	6,604	6,605	1,211

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Budget Detail Profile

DESC: SURVEILLANCE & MAINTENANCE						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP PLANT LIFE EXTENTION (PLEX)									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7002000	0	0			E	0	0	0	0
35EW70020	0	0			F	0	0	2,197	0
39EW70020	0	0			G	0	0	0	0
39EW70020	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	2,197	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DEGR LEVEL
EW7002000	0
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	0	3,245	2,388	2,405	2,337
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	5,300	3,405
TOTAL	0	3,245	2,388	7,704	5,742

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	2,197	2,263	2,331	2,401	2,473
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	6,200	5,000	7,000
TOTAL	2,197	2,263	8,531	7,401	9,473

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Budget Detail Profile

DESC: SURVEILLANCE & MAINTENANCE					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: PC					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PRODUCTIVITY COMMITMENT- NEW FAC								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7002000	0	-51		E	0	0	0	0
35EW70020	0	0		F	0	0	0	0
39EW70020	0	0		G	0	0	0	0
39EW70020	0	0		H	0	0	0	0
				I	0	-102	-102	0
TOTAL	0	-51						
				TOTAL	0	-102	-102	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7002000	0
35EW70020	0
39EW70020	0
39EW70020	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	-102	-30	-1,800	-900	-350
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	-102	-30	-1,800	-900	-350

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7002000	-102	0	0	0	0
35EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
39EW70020	0	0	0	0	0
TOTAL	-102	0	0	0	0

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A106 Cross References

A106 Number: N/A

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number: N/A

Date:

Title: N/A

FY95-99 ADS Cross References

ADS #: RL 4180 0

Title: FACILITY OPERATIONS NEW FACILITY PLANNING

Transferred in its entirety:

Explanation of Change:

Transferred from ADS 4180 (EM-30) to ADS 6625 (EM-60) to complete the transfer from Waste Management to Facility Transition Program

MILESTONES

Milestone No.: Milestone Seq: 6625-00-0025 TPA MS NO.: N/A
Title: COMPLETE SAFEGUARD & SECURITY UPGRADE FDC
Planning Date Target Date Decrement Date Level: CNTR Keyword:
3/31/1995 3/31/1995 3/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5633.3A/5632.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE FUNCTIONAL DESIGN CRITERIA OF THE SAFEGUARDS AND SECURITY UPGRADES AT PFP.

Milestone No.: Milestone Seq: 6625-00-0030 TPA MS NO.: N/A
Title: COMPLETE SAFEGUARD & SECURITY UPGRADE CDR
Planning Date Target Date Decrement Date Level: CNTR Keyword:
12/31/1995 12/31/1995 12/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5633.3A/5632.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE CONCEPTUAL DESIGN REPORT FOR SAFEGUARD AND SECURITY UPGRADES AT PFP.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 6625-00-0035 TPA MS NO.: N/A
Title: INITIATE DEVELOPMENT OF FDC'S FOR PLEX
Planning Date Target Date Decrement Date Level: CNTR Keyword:
10/01/1994 10/01/1997 10/01/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: 6430.1A/5480.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INITIATE DEVELOPMENT OF HIGHEST PRIORITY FUNCTIONAL DESIGN CRITERIA FOR PFP PLANT
LIFE EXTENSION PROJECT.

Milestone No.: Milestone Seq: 6625-00-0005 TPA MS NO.: N/A
Title: INITIATE SAFEGUARDS & SECURITY PROJECT DEFINITIVE DESIGN (SAS)
Planning Date Target Date Decrement Date Level: CNTR Keyword:
1/01/1998 1/01/1998 1/01/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5633.3A/5632.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INITIATE DEFINITIVE DESIGN FOR THE SAFEGUARDS & SECURITY UPGRADES AT PFP.

Milestone No.: Milestone Seq: 6625-00-0040 TPA MS NO.: N/A
Title: INITIATE DEVELOPMENT OF CDR'S FOR PLEX
Planning Date Target Date Decrement Date Level: CNTR Keyword:
4/01/1995 4/01/1998 4/01/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: 6430.1A/5480.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INITIATE DEVELOPMENT OF CONCEPTUAL DESIGN REPORT FOR PFP PLANT LIFE EXTENTION
PROJECT.

Milestone No.: Milestone Seq: 6625-00-0010 TPA MS NO.: N/A
Title: COMPLETE SAFEGUARDS & SECURITY PROJECT CONSTRUCTION (SAS)
Planning Date Target Date Decrement Date Level: CNTR Keyword:
9/01/2000 9/01/2000 9/01/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5633.3A/5632.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE CONSTRUCTION OF SAS UPGRADES AND INITIATE OPERATIONAL TESTING.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 6625-00-0015 TPA MS NO.: N/A
Title: INITIATE PFP PLANT LIFE EXTENSION PROJECT DEFIN DESIGN (PLEX)
Planning Date Target Date Decrement Date Level: CNTR Keyword:
1/01/1998 1/01/2001 1/01/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: 6430.1A/5480.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INITIATE DEFINITIVE DESIGN OF AT LEAST ONE OF THE HIGH PRIORITY AREAS IDENTIFIED IN
WHC-SD-CP-ES-161 AND WHC-SD-CP-ES-162.

Milestone No.: Milestone Seq: 6625-00-0020 TPA MS NO.: N/A
Title: COMPLETE PFP PLANT LIFE EXTENSION PROJECT CONSTRUCTION (PLEX)
Planning Date Target Date Decrement Date Level: CNTR Keyword:
6/01/2004 6/01/2007 6/01/2007 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5480.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE CONSTRUCTION OF ALL PLEX UPGRADES AND INITIATE FINAL OPERATIONAL SYSTEM
TESTING.

NARRATIVE

LAST UPDATE: 04-27-1994 TIME: 10:54:48

Technical Scope Summary(Limit 15 line or less):

This ADS provides support for two new candidate line items (LI). Currently two new FY 1998 LI's have been identified. One will upgrade the PFP Safeguards and Security (SAS) systems, and the other will perform plant life extension (PLEX) upgrades at PFP.

Technical Scope Detail(Limit 104 lines or less):

This activity provides support for two new candidate FY 1998 LI's. One LI will upgrade PFP SAS systems, and the other will perform PLEX upgrades in a manner that still allows portions of the PFP facilities to be deactivated, and does not interfere with future D&D activities.

SAS LI upgrades are identified in WHC Engineering Study WHC-SD-CP-ES-161, Revision 0. The engineering study examined the Hanford Site Safeguards and Security System needs. Those portions of various SAS systems whose performance is now or will become at risk during the next three to twelve years, and whose repair/replacement cost is greater than \$200,000 were examined. The conclusion of the study is that there will be a major SAS

NARRATIVE Continued

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~~NARRATIVE Continued~~

system failure within the next five years. Recommended upgrades include replacement of the Nuclear Material Safeguards System (NMSS), replacement of portions of the Vault Safety and Inventory System (VSIS), installation of a remote surveillance system inside the storage vaults, installation of inventory item monitoring technology, replacement of the Alarm Detection and Display system (ADDS), incorporates the secondary annunciation system into the planned industrial alarm system, replacement of the current multiplexer system, and determination of the most cost-effective approach to providing training, system development, and system testing for the replacement ADDS.

PLEX LI upgrades are currently being identified as part of a WHC Engineering Study WHC-SD-CP-ES-162, Revision 0, whose scope is to identify PFP systems that need repairs, upgrades or modifications to extend the plant life so that anticipated plant requirements are met. Currently these requirements are stabilization, cleanout activities and special nuclear material (SNM) storage. Much of the planning for PFP over the past several years has focused almost entirely on the immediate needs to process and stabilize radioactive materials in glovebox storage, on process glovebox floors, and in various pieces of process and plant equipment. Maintaining plant support services and equipment in reliable and safe operation is required to provide adequate safety for personnel who continue to work in the facility. Upgrades to the electrical, ventilation, dry air, demineralized water, chemical sewer systems are likely since these systems (as well as others) have exceeded their life expectancy. A redistribution of plant services will be needed to ensure more effective use of some areas, and allow or accommodate deactivation of other plant areas. Additional engineering studies (ES) would be performed on various plant systems recommended for upgrade in the earlier referenced engineering study. Up to ten Functional Design Criteria (FDC)'s and Conceptual Design Report (CDR)'s would then be developed over a three year period to describe various plant upgrades. In this manner, upgrades can be performed sequentially according to their importance, and smaller amounts of capital outlay can be stretched over a longer time frame to better accommodate funding restraints.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Developed and released engineering study WHC-SD-CP-ES-161, Rev.0, 'Replacement Analysis for Safeguards and Security Systems of Hanford Protected Areas,' in January 1994. This study analyzed SAS systems which are required to support SNM storage which is expected to be continued at PFP for the next twenty years or more. Those portions of the various SAS systems whose performance is now or will become at risk during the next 3 to 12 years, and whose repair and/or replacement cost is greater than \$200,000 were examined.

An engineering study (WHC-SD-CP-ES-162, R0) is currently underway to define areas of PFP that need further study to determine the scope of PLEX

~~NARRATIVE Continued~~

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activities.

Initiate SAS LI FDC development. The FDC will cover replacement of the NMSS, VSIS, ADDS, the secondary annunciation system and current multiplexer system, installation of a remote surveillance system inside the storage vaults, and installation of inventory monitoring technology. Provide safety/environmental, project management, plant engineering, cognizant engineering, and safeguards and security support to the proposed FY 1998 LI activities.

Initiate development of additional PFP PLEX ES's to further study areas of PFP that need upgrading, modification or replacement.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Complete SAS FDC development. Initiate SAS CDR development. The CDR will cover replacement of NMSS, VSIS, ADDS, the secondary annunciation system and current multiplexer system, installation of a remote surveillance system inside the storage vaults, and installation of inventory monitoring technology. Provide safety/environmental, project management, plant engineering, cognizant engineering, safeguards and security, and data processing support to the proposed FY 1998 SAS LI activities.

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the Presidents's budget is \$1,710K, resulting in a new total of \$1,710K. These adjustments may require a FY 1995 budget amendment.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Decrement Level Activities:

No activities are supported at the decrement level of funding.

DECREMENT LEVEL TOTAL \$000

Target Level Activities:

Complete SAS CDR development. Provide safety/environmental, project management, plant engineering, cognizant engineering, safeguards and security, and data processing support to the proposed FY 1998 SAS LI activities. \$1082K

Productivity Commitment: (\$102K)

TARGET LEVEL TOTAL \$980K

Planning Level Activities:

In addition to the target level activities, continue development of PLEX FDC's and CDR's and continue to perform PLEX ES's on lower priority

NARRATIVE Continued

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systems. Provide plant engineering, cognizant engineering, project management, NEPA documentation development, and safety/environmental support to the FY 1998 PLEX LI activities.

\$2314K

PLANNING LEVEL TOTAL

\$3296K

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Provide safety/environmental, project management, plant engineering, cognizant engineering, safeguards and security, information resources management and data processing support during the development of the definitive design, procurement, construction and start-up testing phases of the candidate FY 1998 SAS LI.

Complete development of PLEX FDC's and CDR's. Provide plant engineering, cognizant engineering, project management, NEPA documentation development, procurement and safety/environmental support during the development of the definitive design, procurement, construction and start-up testing phases of the candidate FY 1998 PLEX LI.

Impacts/Assumptions(Limit 42 lines or less):

The long-term mission for PFP is to store SNM until the material can be relocated either to another on-site or off-site facility. Some material will probably remain in storage for over 20 more years. Those parts of the various SAS systems whose performance is now at risk or will become at risk prior to the end of this mission period need upgrading. If upgrades to the SAS systems are not supported, a major failure of these systems may occur in the next five years.

The PFP laboratory will be needed to support chemically reactive plutonium bearing materials stabilization, which is expected to take place in the next 10 years. Terminal cleanout operations would follow completion of stabilization activities.

Deactivation activities will be performed as areas and/or processes at PFP are no longer necessary. Without a future mission, rebuilding the PFP infrastructure to current standards is not expected to be cost effective. However, portions of the PFP facility security, heating ventilation and air conditioning, electrical, and other essential services nearing the end of their useful life, need to be replaced, upgraded or modified, and reliably maintained to ensure adequate worker safety until D&D. A good baseline of needs has to be developed so the long range planning and resources can be identified early enough to prevent crisis management of equipment failures. PLEX efforts are not intended to bring the plant up to present codes.

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

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NARRATIVE Continued

Supporting Documents(Limit 5 lines or less):

DOE Orders:5632.2A Physical Protection of SNM and Vital Equipment; 5633.3A, Control and Accountability of Nuclear Materials; 6430.1A General Design Criteria; RL letter #93-OTD-34, from J.E. Mecca directing PLEX. Westinghouse Engineering Studies WHC-SD-CP-ES-161 & WHC-SD-CP-ES-162.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

Various DOE Orders provide and/or implement best management practices for policy and guidance to the Facility Operations Program. The work scope, cost, and schedule are a direct result of conforming to these various orders.

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Operations Office: RL ID No.: 6631- 0 Revision Date:
ADS Title: PROGRAM DIRECTION - FT
WBS No.: 1.3.1.1.1 Category: FT Appr.: D
Project Title: PROGRAM DIRECTION Facility/WAG: HANFORD SITE
Installation: HANFORD CID: %OVHD: 0
For Line Item Project: TPC: TEC:
Contig: 0
CNTR Manager: NONE Phone:
O.O. Manager: A. E. LORENZ Phone: 509-376-8669
H.Q. Manager: MAUREEN O'DELL Phone: 202-586-3160
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: Y RCRA: Y 3004U: Y TSCA: Y CERCLA: Y NEPA: Y
DOE: Y IAG: Y OSHA: Y ORD: Y ST : Y TRI : Y FED : Y FFCA:
OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	26,013	34,096		A	35,186	35,186	35,186	35,186
CE	0	172		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	26,013	34,268		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	35,186	35,186	35,186	35,186

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	35,008
CE	178
GPP	0
LI	0
TOTAL	35,186

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	35,008	37,137	39,508	41,975	44,792
CE	178	179	185	199	205
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	35,186	37,316	39,693	42,174	44,997

FTEs	FY94	FY95
Direct	266	242
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	340	350	361	372	384
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	35,008	37,137	39,508	41,975	44,792
CE	178	179	185	199	205
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	35,186	37,316	39,693	42,174	44,997

FTEs	FY94	FY95
Direct	266	242
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	340	350	361	372	384
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
FY96 Field Submission
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Budget Detail Profile

DESC: PROGRAM DIRECTION					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CC					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROGRAM DIRECTION - FACILITY TRA								
APPROP: D								
				A	35,186	35,186	35,186	35,186
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7060000	26,013	34,096		E	0	0	0	0
	0	172		F	0	0	0	0
	0	0		G	0	0	0	0
	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	26,013	34,268						
				TOTAL	35,186	35,186	35,186	35,186

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7060000	35,008
	178
	0
	0
TOTAL	35,186

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7060000	35,008	37,137	39,508	41,975	44,792
	178	179	185	199	205
	0	0	0	0	0
	0	0	0	0	0
TOTAL	35,186	37,316	39,693	42,174	44,997

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7060000	35,008	37,137	39,508	41,975	44,792
	178	179	185	199	205
	0	0	0	0	0
	0	0	0	0	0
TOTAL	35,186	37,316	39,693	42,174	44,997

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A106 Cross References

A106 Number: Date:
Title:
Federal Facility Identification:
Region: Assessment:
Status: Progress:

Tiger Team Cross References

Tiger Team Finding Number: Date:
Title:

FY95-99 ADS Cross References

ADS #: RL
Title:
Transferred in its entirety:
Explanation of Change:

MILESTONES

Milestone No.:	Milestone Seq:	TPA MS NO.:
Title:		
Planning Date	Target Date	Decrement Date
Level:	Keyword:	
PTS:	SMS:	
Driver Name:	Driver Reference:	
PRESENT IN	Tiger Team:	Program Execution Guidance:
Roadmap:	Current Year Workplan:	Safety and Health:
Description:		

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 18:15:03

Technical Scope Summary(Limit 15 line or less):

Facility Transition has responsibility for funding all direct FTE's providing management oversight to Landlord and non-operating production facility activities and all indirect FTE's.

Technical Scope Detail(Limit 104 lines or less):

NARRATIVE Continued

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NARRATIVE Continued

This activity covers program direction for the Department of Energy-Richland Operations Office (DOE-RL) employees funded by Facility Transition in BNR EW7060. Estimates include all salaries, benefits, awards, overtime, contractual services, travel and capital equipment for employees supporting Facility Transition, the landlord program, and all indirect FTE's.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):
Our current projected Financial Plan for FY 1994 of \$26,014K gives RL the funding necessary to support RL's current approved FTE ceiling of 266. Projected additional FY 1994 needs of approximately \$3,210K will be required to fund FTE's approved as a result of the DOE-EM 'bidding' process. These needs will be resolved internally.

FY 1994 needs do not include any amounts for decisions that will be made relating to Voluntary Separation Incentive Pay (VSIP).

General Support Services Contractor (GSSC) requirements which support the FY 94 RL FTE authorization are covered under program ADS Number RL6103.

Budget Year (FY 1995) Description(Limit 52 lines or less):

The following reflects salaries, benefits, awards, overtime, contractual services, travel and capital equipment needs to support the FY95 PRES and Planning level of FTE's (see .07 Key Assumptions). Although RL is constrained to a funding level of \$26,669K at the FY95 PRES level for purposes of this ADS, RL plans to redistribute an additional \$7,427K to this ADS to support the original 242 FTE's plus an additional 88 FTE's projected from the EM 'bidding' process for a total of \$34,096K.

	AVERAGE COST/FTE	PRES FTE - 242
FY 1995		
Operating	110,202	26,669,000
Capital Equipment		136,000
TOTAL		26,805,000

	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 330
FY 1995		
	103,321	34,096,000
Capital Equip.		172,000
TOTAL		34,268,000

Capital Equipment needs are for file servers.

FY 1995 needs do not include any amounts for decisions that will be made relating to Voluntary Separation Incentive Pay (VSIP).

NARRATIVE Continued

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GSSC requirements which support the FY 95 RL FTE authorization are covered under program ADS Number RL6103.

Planning Year (FY 1996) Description(Limit 156 lines or less):

The following reflects the salary, benefits, awards, overtime, contractual services, travel and capital equipment needs to support the Target, Planning and Decrement level of FTE's (see .07 Key Assumptions).

	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 340
FY 1996	102,963	35,008,000
Capital Equip.		178,000
TOTAL		35,186,000

Capital Equipment needs are for file servers.

GSSC requirements which support the FY 96 RL FTE authorization are covered under program ADS Number RL6103.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

The following reflects salaries, benefits, awards, overtime, travel, contractual services, and capital equipment needs to support the Target and Planning levels of FTE's for FY 1997 through FY 2000:

	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 350
FY 1997	106,104	37,137,000
Capital Equip.		179,000
TOTAL		37,316,000

	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 361
FY 1998	109,439	39,508,000
Capital Equip.		185,000
TOTAL		39,693,000

	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 372
FY 1999	112,837	41,975,000
Capital Equip.		199,000
TOTAL		42,174,000

~~NARRATIVE Continued~~

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	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 384
FY 2000		
	116,645	44,792,000
Capital Equip.		205,000
TOTAL		44,997,000

Capital Equipment needs are for file servers.

GSSC requirements which support the FY 97 through FY 00 RL FTE authorization are covered under program ADS Number RL6103.

Impacts/Assumptions(Limit 42 lines or less):

Program Direction was escalated using the rates provided by DOE-HQ in the Chief Financial Officer FY 1996 Unified Field Budget Call.

FTE'S: FY 1994 - FY 2000: DOE-HQ has just completed allocating the FTE's provided to DOE-RL as a result of the 'bidding' process. Since the internal distribution process for the new FTE's will not be completed prior to submission of this ADS, the FTE's and funding requirements are based on initial RL senior management assumptions of the level of FTE's by program and probable timing of the hires.

Salaries for the FY 1995 request for redistribution were adjusted to reflect the probable timing of new hires.

Supporting Documents(Limit 5 lines or less):

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS
DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

CAA:

RL employees manage all EM programs in accordance with requirements of the Clean Air Act.

CERCLA:

RL employees manage all EM programs in accordance with CERCLA requirements.

CWA:

RL employees manage all EM programs in accordance with requirements of the Clean Water Act.

DOE:

RL employees manage all EM programs in accordance with DOE orders.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

FED:

RL employees manage all EM programs in accordance with Federal Regulations.

IAG:

RL employees manage all EM programs in accordance with requirements of interagency agreements.

NEPA_R:

RL employees manage all EM programs in accordance with requirements of NEPA.

ORD:

RL employees manage all EM programs in accordance with administrative consent and compliance orders.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

OSHA:

RL employees manage all EM programs in accordance with requirements of the Occupational Safety and Health Act.

R3004:

RL employees manage all EM programs in accordance with requirements of 3004U.

RCRA:

RL employees provide support to all EM programs in accordance with RCRA requirements.

SDWA:

RL employees manage all EM programs in accordance with requirements of the Safe Drinking Water Act.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

RL employees manage all EM programs in accordance with requirements of State and local laws.

TRI:

RL employees manage all EM programs in accordance with the Tri-Party Agreement.

TSCA:

RL employees manage all EM programs in accordance with requirements of the Toxic Substances Control Act.

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Page: 1
Date: 6/01/1994 Time: 13:33

Operations Office: RL ID No.: 6640- 0 Revision Date: 4/15/1994
ADS Title: FFTF
WBS No.: 1.6.8.2.9.1 Category: FT Appr.: N
Project Title: FAST FLUX TEST FACILITY Facility/WAG: FFTF/400 AREA
Installation: HANFORD-400 CID: RL10930 %OVHD: 18
For Line Item Project: NA TPC: TEC:
Contig: 0
CNTR Manager: LOIKA, EF Phone: 509-376-0758
O.O. Manager: MECCA, JE Phone: 509-376-7471
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 1 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: N NEPA: Y
DOE: Y IAG: N OSHA: Y ORD: N ST : Y TRI : Y FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	55,517	47,356		A	0	0	0	0
CE	200	99		B	0	0	0	0
GPP	0	0		C	28,815	28,815	28,692	28,692
LI	0	0		D	1,579	1,579	1,572	0
				E	2,072	2,072	2,063	2,063
TOTAL	55,717	47,455		F	888	888	884	884
				G	0	0	0	0
				H	0	0	0	0
				I	1,598	16,449	27,710	27,710
				TOTAL	34,952	49,803	60,921	59,349

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	34,755
CE	197
GPP	0
LI	0
TOTAL	34,952

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	49,606	58,723	48,978	40,033	12,164
CE	197	198	200	101	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	49,803	58,921	49,178	40,134	12,164

FTEs

	FY94	FY95
Direct	432	359
Indirect	320	266
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	352	361	336	242	77
Indirect	260	267	249	179	57
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	60,724	55,555	36,626	6,840	1,217
CE	197	198	100	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	60,921	55,753	36,726	6,840	1,217

FTEs

	FY94	FY95
Direct	460	419
Indirect	340	310
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	388	346	252	47	8
Indirect	287	256	186	35	6
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: SURVEILLANCE MAINTENANCE				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROGRAM INTEGRATION							
APPROP: N							
				A	0	0	0
				B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EX7002000	900	889		E	0	0	0
35EX70020	0	0		F	888	888	884
39EX70020	0	0		G	0	0	0
39EX70020	0	0		H	0	0	0
				I	0	0	0
TOTAL	900	889		TOTAL	888	884	884

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX7002000	888
35EX70020	0
39EX70020	0
39EX70020	0
TOTAL	888

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	888	990	998	1,006	1,014
35EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	888	990	998	1,006	1,014

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	884	990	998	503	0
35EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	884	990	998	503	0

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Budget Detail Profile

DESC: SURVEILLANCE MAINTENANCE				FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SURVEILLANCE AND MAINTENANCE							
APPROP: N							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	28,815	28,815	28,692
				D	1,579	1,579	1,572
EX7002000	43,517	31,894		E	2,072	2,072	2,063
35EX70020	200	99		F	0	0	0
39EX70020	0	0		G	0	0	0
39EX70020	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	43,717	31,993		TOTAL	32,466	32,327	30,755

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX7002000	32,269
35EX70020	197
39EX70020	0
39EX70020	0
TOTAL	32,466

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	32,269	33,571	26,947	9,857	4,764
35EX70020	197	198	200	101	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	32,466	33,769	27,147	9,958	4,764

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	32,130	26,738	9,780	1,207	1,217
35EX70020	197	198	100	0	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	32,327	26,936	9,880	1,207	1,217

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DESC: SURVEILLANCE MAINTENANCE						FY96 DRIVER		CATEGORY	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AF						DECREMENT	TARGET	PLAN	
TITLE: DEACTIVATION/COMPLIANCE ACTIONS									
APPROP: N									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EX7002000	11,100	19,846			E	0	0	0	0
35EX70020	0	0			F	0	0	0	0
39EX70020	0	0			G	0	0	0	0
39EX70020	0	0			H	0	0	0	0
					I	1,598	20,625	27,710	27,710
TOTAL	11,100	19,846			TOTAL	1,598	20,625	27,710	27,710

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX7002000	1,598
35EX70020	0
39EX70020	0
39EX70020	0
TOTAL	1,598

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	20,625	24,162	21,033	29,170	6,386
35EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	20,625	24,162	21,033	29,170	6,386

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	27,710	27,827	25,848	5,130	0
35EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	27,710	27,827	25,848	5,130	0

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DESC: SURVEILLANCE MAINTENANCE				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AG				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: FFTF PRODUCTIVITY COMMITMENT							
APPROP: N							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EX7002000	0	-5,273		E	0	0	0
35EX70020	0	0		F	0	0	0
39EX70020	0	0		G	0	0	0
39EX70020	0	0		H	0	0	0
			I	0	-4,176	0	0
TOTAL	0	-5,273		TOTAL	0	-4,176	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX7002000	0
35EX70020	0
39EX70020	0
39EX70020	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	-4,176	0	0	0	0
35EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	-4,176	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7002000	0	0	0	0	0
35EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
39EX70020	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 4200 0

Title: FFTF PLANT

Transferred in its entirety: Y

Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 6640-00-0055 TPA MS NO.:
Title: Complete disposition of sodium bonded fuel assemblies.
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/01/1989 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

This activity ships the six sodium bonded metal fuel assemblies plus sodium bonded pins from ACN-1 and two Ident 69 containers to Idaho for consolidation with the Experimental Breeder Reactor-II metal fuel inventory.

Milestone No.: Milestone Seq: 6640-00-0005 TPA MS NO.:
Title: Complete Shutdown Plan and submit to DOE for approval.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/1994 3/15/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Provide DOE with an initial plan that provides the major elements and project baseline for the deactivation activities necessary to transition the FFTF to a radiologically and industrially safe shutdown condition. Completed on 3/4/94.

MILESTONES Continued

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~~MILESTONES Continued~~

Milestone No.: Milestone Seq: 6640-00-0010 TPA MS NO.:
Title: Submit NEPA Documentation for FFTF Shutdown to DOE.
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1993 4/01/1994 PTS: N SMS: Y
Driver Name: NEPA_R Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
NEPA documentation requires the scope of the FFTF deactivation activities to be evaluated to determine if they or any related activity meet the criteria for a major Federal action which has the potential for effecting the quality of the environment.

Milestone No.: Milestone Seq: 6640-00-0015 TPA MS NO.:
Title: Initiate reactor defueling.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
10/01/1993 5/02/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Fuel located in the reactor vessel will be moved to Interim Decay Storage and the Fuel Storage Facility, and all irradiated non-fuel core components placed in the reactor vessel.

Milestone No.: Milestone Seq: 6640-00-0095 TPA MS NO.:
Title: Turnover FMEF Building to Landlord or alternate sponsor.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE Correspondence # 9401697 B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
This facility was constructed and operated in support of FFTF. With FFTF being shut down, the facility is no longer needed to support fuel manufacturing for FFTF.

Milestone No.: Milestone Seq: 6640-00-0025 TPA MS NO.:
Title: Complete IEM Cell modification for fuel washing.
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
As a result of the number of sodium wetted components that will be washed in the IEM Cell, it was necessary to install waste-water recycling equipment to minimize the quantity of rad-waste water.

~~MILESTONES Continued~~

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MILESTONES Continued

Milestone No.: Milestone Seq: 6640-00-0030 TPA MS NO.:
Title: Complete processing of fuel assemblies that produce a DN signal.
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1995 3/31/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Two intact assemblies that produced a delayed neutron monitoring signal while in the reactor will be processed in the IEM Cell. The failed pins will be encapsulated and the remaining pins washed and placed in Ident 69 pin containers.

Milestone No.: Milestone Seq: 6640-00-0040 TPA MS NO.:
Title: Initiate washing fuel assemblies.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
4/01/1995 7/01/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Sodium wetted fueled components will be transferred from the Interim Decay Storage vessel and the Fuel Storage Facility to the Interim Examination and Maintenance Cell for washing and drying prior to transfer to dry storage.

Milestone No.: Milestone Seq: 6640-00-0020 TPA MS NO.:
Title: Complete reactor defueling.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1994 8/30/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

All fuel has been removed from the reactor vessel and all irradiated non-fuel core components have been placed in the reactor vessel.

Milestone No.: Milestone Seq: 6640-00-0035 TPA MS NO.:
Title: Receive approval of completed Readiness Review for Na drain.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
1/01/1996 10/01/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Operational Readiness Review has been held, open items resolved and DOE approval received to start the offload of sodium.

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MILESTONES Continued

Milestone No.: Milestone Seq: 6640-00-0050 TPA MS NO.:
Title: Initiate sodium drain from Rx and HTS.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
1/01/1996 10/01/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
This activity involves draining 140,000 gallons of radioactive sodium.

Milestone No.: Milestone Seq: 6640-00-0060 TPA MS NO.:
Title: Complete sodium drain from Rx and HTS.
Planning Date Target Date Decrement Date Level: FO Keyword: O
11/01/1997 6/01/1998 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Radioactive sodium has been successfully drained from the reactor and the primary Heat Transfer Loops.

Milestone No.: Milestone Seq: 6640-00-0070 TPA MS NO.:
Title: Complete transfer of Category IC and IIID fuel assemblies to PFP.
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
All Category IC and IIID unirradiated fuel assemblies have been removed from the FFTF plant and are now stored at the Plutonium Finishing Plant for interim storage or will be downloaded to pellets for container storage.

Milestone No.: Milestone Seq: 6640-00-0045 TPA MS NO.:
Title: Complete washing fuel assemblies.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/01/1998 10/01/1998 PTS: N SMS: Y
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
All sodium wetted fueled components have been washed and dried, and transferred out of the Interim Examination and Maintenance Cell.

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Milestone No.: Milestone Seq: 6640-00-0075 TPA MS NO.:
Title: Complete FFTF security area downgrades.
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1997 12/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
All Category IC and IIID special nuclear material has been shipped to PFP and/or placed in Interim Storage Casks containing highly irradiated IVE fueled components thereby allowing the FFTF complex to become a Property Protection Area.

Milestone No.: Milestone Seq: 6640-00-0080 TPA MS NO.:
Title: Complete sodium drain from IDS and FSF.
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/30/1998 2/28/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Sodium contained in the IDS and the FSF vessels has been drained to the Sodium Storage Facility.

Milestone No.: Milestone Seq: 6640-00-0100 TPA MS NO.:
Title: Achieve stable shutdown of FFTF.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
9/30/1998 3/31/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
FFTF has been successfully shut down and all systems are safe and in an environmentally compliant disposition.

Milestone No.: Milestone Seq: 6640-00-0085 TPA MS NO.:
Title: Initiate sodium reaction in Sodium Reaction System.
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Appropriate readiness reviews have been conducted and the facility is ready to commence converting the sodium to a non-hazardous material for disposal or to a chemical form that can be used as a feedstock

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Milestone No.: Milestone Seq: 6640-00-0090 TPA MS NO.:
Title: Complete sodium reaction in Sodium Reaction System.
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Sodium reaction has been completed and the facility is now ready to be shutdown for turnover to the Hanford Surplus Facilities Program.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 07:39:52

Technical Scope Summary(Limit 15 line or less):

This ADS provides the major elements and project baseline for the deactivation activities necessary to transition the Fast Flux Test Facility (FFTF) and related facilities to a safe shutdown state. The shutdown activities discussed herein concentrate on preparing environmental and regulatory documentation, defueling the reactor, dry cask storage of the irradiated fuel, sodium draining and reaction, accommodation of sodium residuals, and shutdown of the auxiliary systems. When the transition to shutdown is completed, the FFTF will be in a stabilized and safe condition for turnover to the Hanford Surplus Facility Programs for long term interim surveillance preparatory to a final decontamination and decommissioning (D&D) phase. ADS 6642-0 provides for the construction projects necessary to support this ADS's work scope and the overall FFTF shutdown. THE DECREMENT CASE STOPS SHUTDOWN ACTIVITIES AND RETAINS ONLY THE SKILLED OPERATIONS AND SUPPORT PERSONNEL NEEDED TO MAINTAIN PLANT SAFETY.

Technical Scope Detail(Limit 104 lines or less):

The Fast Flux Test Facility (FFTF) was directed by the Department of Energy on December 15, 1993, to immediately begin shutdown activities. References: Letter J. D. Wagoner, DOE-RL, to T. M. Anderson, WHC, 'Fast Flux Test Facility (FFTF) Shutdown,' 9309084B, dated December 15, 1993 and Memorandum to John D. Wagoner from Daniel A. Dreyfus, 'Commence Fast Flux Test Facility Shutdown Activities,' dated December 15, 1993. This ADS is based on the FFTF Program Shutdown Plan. Reference: Memorandum to E. G. Feldt and R. A. Hunter from J. E. Mecca, 'Fast Flux Test Facility Shutdown Program Plan,' dated March 7, 1994.

Based on the FY 96 Target Level funding, completion of the FFTF Shutdown can be achieved in mid FY 1999. Shutdown includes: the reactor, Interim Decay Storage (IDS) and Fuel Storage Facility (FSF) defueled, the spent fuel cleaned and stored in Interim Storage Casks (ISCs) within the Interim

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Storage Area (ISA), the non-irradiated fuel removed from IDS and stored at PFP, the sodium drained and stored at the Sodium Storage Facility (SSF), the drained sodium systems supplied with an inert gas blanket atmosphere, and auxiliary systems deactivated. Following completion of Shutdown, remaining activities would consist of minimal surveillance, completion of the Sodium Reaction Facility (SRF)(ADS 6642-0) and the operation of the Sodium Reaction Facility over a two year period.

The environmental and regulatory documentation that needs to be produced and/or complied with includes: National Environmental Policy Act (NEPA), Resource Conservation and Recovery Act (RCRA), Clean Air Act (CAA), Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement -TPA), and DOE Orders. NEPA documentation is needed to allow FFTF to shut down. RCRA permits must be established to meet the requirements for the management of hazardous waste. The CAA requires Federal facilities to meet all Federal, state, and local air emissions regulations. To determine if a new or modified source will be created by the Shutdown Plan, an analysis will be performed to determine if there will be any expected increase in the potential for radionuclides air emissions. The TPA requires RL to enter into negotiations with the Washington State Department of Ecology and the U. S. Environmental Protection Agency for coordination of activities associated with the stabilization and transition of facilities. RL is required to document compliance with applicable regulatory requirements and/or establish TPA milestones for activities that generate or discharge regulated substances or wastes. Compliance with DOE Orders will continue during the transition to Shutdown and the out years, as required.

Defueling the reactor involves removing all of the fuel from the reactor and transferring it to the Interim Decay Storage and the Fuel Storage Facility for future processing. It also entails moving irradiated and un-irradiated non-fuel core components to the reactor vessel for long term storage. This option, as contrasted to separate disposal, has significant cost and schedular advantages and achieves major waste minimization. Dry cask storage of the irradiated fuel involves washing the irradiated fueled components (341) that have been stored in sodium, drying them and then placing them in concrete Interim Storage Casks (ISC) that can hold up to six components per ISC. The ISCs will then be transported to the FFTF Interim Storage Area (ISA) where they shall remain until permanent disposal. Sodium draining and reaction involves the off-loading, storage and reaction of the sodium coolant contained within various systems throughout FFTF. The FFTF sodium inventory amounts to approximately 260,000 gallons plus approximately 600 gallons of sodium-potassium alloy (NaK). The plan is for short-term storage of the sodium and NaK in the Sodium Storage Facility (SSF) while a reaction facility is constructed adjacent to the SSF. Once completed, the sodium and NaK would be converted to a stable material, sodium carbonate, for disposal on the Hanford Site as nonhazardous radioactive waste. The Sodium Reaction Facility would also be used to convert 42,000 gallons of Hallam Reactor sodium and 6,700 gallons of Sodium Reactor Experiment sodium to a non-hazardous waste. Accommodation

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of sodium residuals that will remain within the reactor vessel, IDS, FSF, Main Heat Transport System, and the auxiliary sodium loops still must be decided. However, the current approach is to leave the frozen sodium residuals sealed in place with an inert gas blanket atmosphere to prevent any significant reaction. Shutdown of the auxiliary systems will be an on going effort throughout the Shutdown Plan activity schedule. These systems include all or portions of Systems 12, 23, 24, 25, 25, 27, 31, 41, 44, 51, 61, 81, 82, 83, 85, 90, 91, 92, 93, 94, 95, 98, and 99. A brief shutdown state description of each specific system can be found in Appendix A-1 of the Fast Flux Test Facility Shutdown Program Plan, WHC-SD-SSP-004 Rev. 0, dated March 4, 1994.

Activities used in the FY 1994 Five Year Plan have been combined into the four budget categories as follows:

PROGRAM INTEGRATION represents FFTF Shutdown Project Management which encompasses planning, project controls, reporting, and Plant turnover to D&D. It also includes DOE interactions and responding to requests as needs arise. SURVEILLANCE & MAINTENANCE represents general plant support. The functions include: FFTF Base Operations, Safeguards and Security, Environmental Protection (Support and Waste Assessment, w/o RCRA), CENRTC, and FMEF (FY 94 only). Base Operations functions include: work control, plant administration, core engineering, plant engineering, craft forces, training, health physics services, quality assurance and quality control oversights, certified storage and warehousing, operation and management of the Interim Examination and Maintenance (IEM) shielded cell and preparation of the spent fuel offload (SFO) capability for FFTF. DEACTIVATION/ COMPLIANCE ACTIONS include: Support function shutdown (S/D), defueling and system S/D, Na/NaK removal and system S/D, support systems S/D, and electrical/I&C system S/D. PRODUCTIVITY COMMITMENT (PC): The FFTF Program Shutdown Plan cost and schedule is based on numerous, innovated cost saving challenges for meeting its goals. Hence, the Hanford Productivity Commitment goals have already been addressed and the additional budget reductions for FY 1997-FY 2000 have not been made.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

Activities Completed to Date (12-15-93):

PI: Submitted the FYWP to DOE; and

Submitted Integrated Schedule of 1994 FYWP milestones to RL.

S&M: Maintained the FFTF Plant in Hot Standby with excellence in safety, economy and environmental compliance; and

Completed Recertification Cycle 93-7 which is required per DOE Order 5480.20 Continuing Training Requirements for nuclear facilities.

D/C: Placed contract for the design and fabrication of the first ten Interim Storage Casks; and

Met TPA Consent Order DE 91NM-177 milestone which was to submit 216 Discharge Permit for the 400 Area liquid effluent discharge to State Regulators for Approval.

Current Year (FY 1994) Description:

PI: Submit FFTF Shutdown Program Plan to RL;

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Submit revised FYWP and ADSs for FFTF Shutdown to RL;
Submit draft FY 1995 FYWP to RL;
Manage FFTF Plant Shutdown in a cost effective and efficient manner;
Respond to DOE requests and provide project status;
Issue FY 94 IEM Cell Activity-Based Cost (ABC) Schedule;
Submit Shutdown Resource Loaded Schedule to RL; and
Develop plan for disposition of the sodium bonded fuel.
S&M: Continue to maintain the Plant in a safe and environmentally sound condition during the transition to shutdown;
Complete FFTF PA reduction to IDS;
Complete annual SNM surveillance at FFTF;
Complete refueling equipment repairs;
Provide general Plant support;
Provide engineering, operations, and maintenance in the FMEF;
Provide regulatory sampling and environmental coordinations; and
Provide Environmental Monitoring and Waste Assessment.
D/C: Submit FFTF Shutdown Action Description Memorandum (ADM) to RL;
Prepare core map for defueling;
Submit Tech Spec reduction package to RL;
Submit FFTF shutdown environmental assessment to RL;
Negotiate and develop TPA milestones for the FFTF shutdown;
Commence FSAR revisions;
Complete BLTC acceptance testing;
Commence reactor defueling;
Commence Auxiliary Systems shutdown;
Submit Sodium Storage Facility FDC to RL;
Complete Solid Waste Transfer Pit CG&A;
Perform modifications to the IEM Cell (Project F-27);
Update IEM Cell FSAR;
Process DNM PO-4 assembly in the IEM Cell;
Determine disposition of FFTF unirradiated fuel; and
Monitor and resolve environmental issues with specific emphasis on NEPA and regulatory compliance.

PC: None.

Budget Year (FY 1995) Description(Limit 52 lines or less):

The following activities will be performed:

PI: Continue to manage the FFTF Plant Shutdown in the most cost effective and efficient manner; and
Respond to DOE requests and provide project status.

S&M: Provide General Plant Support;
Provide regulatory sampling and environmental coordinations; and
Provide Environmental Monitoring and Waste Assessment.

D/C: Complete ACN-1 processing in the IEM Cell;
Complete IEM Cell modifications and documentation;
Conduct IEM Cell Operational Readiness Review for fuel washing;

NARRATIVE Continued

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~~NARRATIVE Continued~~

Begin fuel washing in the IEM Cell;
Place second contract for additional 50 Interim Storage Casks;
Accept delivery of the first 10 Interim Storage Casks;
Determine disposition of FFTF unirradiated fuel;
Continue Reactor Defueling;
Continue FSAR revisions;
Continue Auxiliary Systems shutdown; and
Monitor and resolve environmental issues with specific emphasis on NEPA and regulatory compliance.

PC: Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$-6.4M, resulting in a new total of \$47.5M. These adjustments may require a FY 1995 budget amendment.

Planning Year (FY 1996) Description(Limit 156 lines or less):

NOTE: Values shown do not include Productivity Commitment (w/o PC).

Decrement Level Activities:

Total cost for the Decrement Case is \$35M (w/o PC).

This level of activity has been reduced by \$19M (w/o PC) when compared to the Target Level. The remaining Advanced Reactors Program budget reductions are shown in ADSs 6641-0 & 6642-0, respectively. THE DECREMENT CASE STOPS SHUTDOWN ACTIVITIES AND RETAINS ONLY THE SKILLED OPERATION AND SUPPORT PERSONNEL NEEDED TO MAINTAIN PLANT SAFETY.

PI: Manage the FFTF Shutdown Program at a cost of \$0.9M (w/o PC).

S&M: Perform surveillance and maintenance activities at a cost of \$32.5M (w/o PC). The activities include:

Maintain the FFTF Plant in a min-safe condition;

Maintain FFTF SAS at a min-safe level;

Provide CENRTC at a min-safe level; and

Provide Environmental Monitoring and Waste Assessment.

D/C: A small fuel offload activity continues. All other D/C activities stop and trained staff is released for lack of funding. Cost is \$1.6M (w/o PC)

Target Level Activities:

Total cost for the Target Case is \$54M (w/o PC).

This level includes the PI and S&M activities identified in the Decrement Case plus the following D/C services and activities: support functions consisting of Safety, environmental compliance, Quality Assurance, and external over site; defueling & system shutdown; removal of Na/NaK and shutdown of systems; shut down support systems; shut down electrical/I&C systems; and the procurement of the Interim Storage Casks. The total D/C cost would be \$20.6M (w/o PC).

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Planning Level Activities:

Total cost for the Planning Case is \$60.9M.

The Planning Level is the same as last years FY 95 ADS 4200-0 which was based on the FFTF Cold Standby Plan. That Plan provided significant saving in Operating costs in the out years by allowing the early construction of the Sodium Storage Facility and Interim Storage Area which resulted in major Plant systems to be defueled and drained of sodium at an earlier date than the Target Case. It assumed no budgetary restraints in the early years of shutdown with an earlier budget and manpower rampdown resulting in an approximate \$20M savings for the overall shutdown project.

PI: Manage the FFTF Shutdown Plan and prepare supportive budgetary documentation at a cost of \$0.9M.

S&M: Perform surveillance and maintenance activities at a cost of \$32.3M. The activities include: Maintain the FFTF Plant in a min-safe condition; Maintain FFTF SAS at a min-safe level; Provide CENRTC at a min-safe level; and Provide Environmental Monitoring and Waste Assessment.

D/C: Perform deactivation/compliance activities at a cost of \$27.7M. The activities include:

Continue Service support functions;
Continue defueling and system S/D;
Continue Na/NaK Removal and system S/D;
Continue Support Systems S/D; and
Continue electrical/I&C systems.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Complete offload of FFTF unirradiated fueled components at PFP - 1997;
Continue FSAR revisions - FY 1997-99;
Continue Auxiliary Systems shutdown - FY 1997-99;
Complete fuel washing in the IEM Cell - FY 1998;
Accept final delivery of Interim Storage Casks - FY 1998;
Complete sodium drain of Reactor and heat transport systems - FY 1998;
Design/construct Sodium Reaction Facility - FY 1998-99;
React the sodium - FY 2000-01; and
Provide Plant surveillance - FY 2000-?

Impacts/Assumptions(Limit 42 lines or less):

Impacts: The possibility of a 40% budget cut in FY 1996 as reflected in the Decrement Level Activities will terminate the FFTF Shutdown activities until adequate funding is restored, the Program is re-staffed and trained, and a new program plan established. The added cost has not been estimated.

Any budget cuts affecting preservation of the experienced FFTF Plant staff will add significantly to the shutdown costs.

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Assumptions: The FFTF Plant will have adequate funding to maintain a safe and compliant status;

The FFTF Protected Area boundary is at the Interim Decay Storage vessel access ports thereby continuing to save \$4M annually;

Unirradiated FFTF Category IC fueled assemblies will be stored in PFP;

Irradiated Category IC and IIID FFTF fueled components will be intermixed with highly irradiated Category IVE FFTF fueled components and stored in the FFTF Interim Storage Area; and

DOE will provide timely approval of required documents.

In an effort to enhance cost efficiencies the FFTF Shutdown Program Plan and this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, application of more efficient processes, or through cost avoidance.

The FFTF Shutdown Program Plan includes additional impacts/assumptions.

Supporting Documents(Limit 5 lines or less):

The FFTF Cold Standby Program Plan (Memorandum to E. C. Brolin from J. R. Hunter, dated April 28, 1993); The FFTF Shutdown Program Plan (Memorandum to E. G. Feldt and R. A. Hunter from J. E. Mecca, dated March 7, 1994); and Advanced Reactors Fiscal Year Work Plan (Memorandum to E. G. Feldt from J. E. Mecca, dated November 3, 1993).

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS Continued

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CAA:

The Clean Air Act (CAA) regulations are administered by a permitting system. Fines/imprisonment and civil/criminal suits are penalties for non-compliance.

CWA:

Liquid effluent permitting is covered in the Clean Water Act (CWA).

DOE:

Non-compliance with Department of Energy (DOE) Orders per se may not result in penalties, but infractions may invoke external legal penalties related to public and worker health and safety, environmental damage and other civil/criminal actions.

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FED:

The FFTF is covered under Federal (FED) regulations where applicable.

NEPA R:

The National Environmental Policy Act (NEPA) and subsequent court decisions have established that any party can sue when Part 1 or Part 2 violations are alleged.

OSHA:

Several Occupational Safety Health Act (OSHA) violation types and violations carry fines. State and local district attorneys can also bring criminal charges against alleged violators.

RCRA:

The Resource Conservation and Recovery Act (RCRA) allows both civil and criminal penalties for violation of "cradle-to-grave" control of hazardous waste. The Environmental Protection Agency (EPA) is the enforcer.

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

WAC 173-303 implements RCRA hazardous waste regulations in Washington State (ST) and includes the designation, monitoring and control of hazardous substances that become waste. A State permitting program is also administered under this driver.

TRI:

The DOE is responsible for providing funds and resources in support of the Tri-Party Agreement (TRI - DOE/EPA/Washington State). The regulators ensure DOE compliance with existing Federal and State regulations. Compliance is legally binding.

TSCA:

The Toxic Substance Control Act (TSCA) allows substantial fines to be placed on violators. TSCA also provides for citizens enforcement and legal fee awards through lawsuits.

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Operations Office: RL ID No.: 6641- 0 Revision Date: 4/15/1994
ADS Title: NUCLEAR ENERGY LEGACIES
WBS No.: 1.6.8.2.9.3 Category: FT Appr.: N
Project Title: NE LEGACIES Facility/WAG: HANFORD
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: NA TPC: TEC:
Contig: 0
CNTR Manager: LOIKA, EF Phone: 509-376-0758
O.O. Manager: MECCA, JE Phone: 509-376-7471
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: N NEPA: Y
DOE: Y IAG: N OSHA: Y ORD: N ST : Y TRI : Y FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY		IMM RISK
					DECREMENT	TARGET	
OE	6,781	3,465		A	0	0	0
CE	0	0		B	0	0	0
GPP	0	0		C	0	0	0
LI	0	0		D	0	888	884
				E	1,579	1,579	1,573
TOTAL	6,781	3,465		F	0	0	0
				G	0	0	0
				H	0	0	0
				I	0	1,722	2,070
				TOTAL	1,579	4,189	4,527
							885

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	1,579
CE	0
GPP	0
LI	0
TOTAL	1,579

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	4,189	3,564	4,291	3,520	5,575
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	4,189	3,564	4,291	3,520	5,575

FTEs	FY94	FY95
Direct	48	23
Indirect	36	17
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	30	24	18	21	21
Indirect	22	17	13	15	15
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	4,527	3,564	4,291	3,520	5,575
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	4,527	3,564	4,291	3,520	5,575

FTEs	FY94	FY95
Direct	48	30
Indirect	36	22
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	30	24	18	21	21
Indirect	22	17	13	15	15
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: DEACTIVATION/COMPLIANCE ACTIONS						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SURVEILLANCE AND MAINTENANCE									
APPROP: N									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EX7003000	3,794	1,481			E	1,579	1,579	1,573	885
35EX70030	0	0			F	0	0	0	0
39EX70030	0	0			G	0	0	0	0
39EX70030	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	3,794	1,481			TOTAL	1,579	1,579	1,573	885

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX7003000	1,579
35EX70030	0
39EX70030	0
39EX70030	0
TOTAL	1,579

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7003000	1,579	1,287	1,297	200	200
35EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
TOTAL	1,579	1,287	1,297	200	200

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7003000	1,573	1,287	1,297	200	200
35EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
TOTAL	1,573	1,287	1,297	200	200

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Budget Detail Profile

DESC: DEACTIVATION/COMPLIANCE ACTIONS				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: DACTIVATION/COMPLIANCE ACTIONS							
APPROP: N							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	888	884	0
EX7003000	2,987	2,369		E	0	0	0
35EX70030	0	0		F	0	0	0
39EX70030	0	0		G	0	0	0
39EX70030	0	0		H	0	0	0
			I	0	2,073	2,070	0
TOTAL	2,987	2,369		TOTAL	0	2,954	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX7003000	0
35EX70030	0
39EX70030	0
39EX70030	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7003000	2,961	2,277	2,994	3,320	5,375
35EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
TOTAL	2,961	2,277	2,994	3,320	5,375

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7003000	2,954	2,277	2,994	3,320	5,375
35EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
TOTAL	2,954	2,277	2,994	3,320	5,375

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Budget Detail Profile

DESC: DEACTIVATION/COMPLIANCE ACTIONS				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: NE LEGACY PRODUCTIVITY COMMITMEN							
APPROX: N							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
EX7003000	0	-385		E	0	0	0
35EX70030	0	0		F	0	0	0
39EX70030	0	0		G	0	0	0
39EX70030	0	0		H	0	0	0
				I	0	-351	0
TOTAL	0	-385		TOTAL	0	-351	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX7003000	0
35EX70030	0
39EX70030	0
39EX70030	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7003000	-351	0	0	0	0
35EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
TOTAL	-351	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX7003000	0	0	0	0	0
35EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
39EX70030	0	0	0	0	0
TOTAL	0	0	0	0	0

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Al06 Cross References

Al06 Number: Date:
Title:
Federal Facility Identification:
Region: Assessment:
Status: Progress:

Tiger Team Cross References

Tiger Team Finding Number: Date:
Title:

FY95-99 ADS Cross References

ADS #: RL 4210 0
Title: PROGRAM AND ENVIRONMENTAL MANAGEMENT
Transferred in its entirety: Y
Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 6641-00-0010 TPA MS NO.:
Title: Complete removal of TRIGA fuel from the 308 Building.
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1996 1/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
The TRIGA fuel has been removed from the 308 Building.

Milestone No.: Milestone Seq: TPA MS NO.:
Title: Complete shutdown transition of the 308 Building.
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1996 7/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
The 308 Building has been successfully transitioned to shutdown status. This activity disposes the TRIGA vessel water and associated defueling equipment.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 6641-00-0005 TPA MS NO.:
Title: Turnover 308 Building to an alternate sponsor or EM-40 for D&D.
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
The 308 Building has had the TRIGA fuel removed and final shutdown has been completed.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 07:51:43

Technical Scope Summary(Limit 15 line or less):

This ADS supports activities which had been in the past involved with Nuclear Energy (NE) Programs. The three main areas included herein are 1) 308 Building; 2) NE Resource Conservation and Recovery Act (RCRA) Closures; and 3) NE Legacies.

THE DECREMENT CASE STOPS ALL WORK ON TRIGA FUEL DISPOSITION, NE RCRA CLOSURES AND NE LEGACIES. WHEN FUNDING IS RESTORED NEW STAFF WILL NEED TO BE HIRED AND TRAINED TO CONTINUE THE WORK.

Technical Scope Detail(Limit 104 lines or less):

Individual discussions of the three main areas are discussed below.

The 308 Building workscope includes the surveillance and operation of the facility, Test Reactor (TRIGA) fuel disposition and cleanout of the building. Surveillance and operations provide for administration and support services to operate and maintain the facility and TRIGA fuel storage in accordance with approved DOE Orders and WHC procedures and the environmental health physics and safety surveillance requirements until it is accepted by a different DOE Program. Included are periodic monitoring and sampling of the building internal environment, HPT coverage, building administration, hazardous materials specialist support, work control administration, maintenance, operations and property management. TRIGA fuel disposition involves the activities necessary to prepare and move the fuel from TRIGA pool storage to the Hanford Site 200 Area and to provide final cleanup of the TRIGA area following fuel removal. Following TRIGA fuel removal and final cleanout the facility will be turned over to another organization for appropriate disposition.

NE RCRA Closures provides for the environmental management of five of the NE hazardous waste facilities. This sub-activity addresses the base program

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responsibilities associated with five NE facilities that currently manage, or have managed, hazardous materials. Three of these facilities are under RCRA closure plans: 1) the 105-DR Large Sodium Fire Facility (LSFF); 2) the 4843 Alkali Metal Storage Facility (AMSF); 3) the 3718-F Alkali Metal Treatment and Storage Facility. Two of these facilities have had associated treatment, storage, and disposal (TSD) permitting activity: 1) the 221-T Headend Containment Test Facility; and 2) the Maintenance and Storage Facility (MASF). The status of the three RCRA closure plans and two TSD permitting situations are discussed in Activities section by year.

NE Legacies involves the strategy development and implementation program for ultimate disposition of DOE NE non-reactor facilities and associated materials/equipment. Specific tasks include, provide coordination/oversight for program implementation, evaluate disposition of miscellaneous facility-specific items, prioritize and perform facility disposition engineering studies and the National Environmental Policy Act (NEPA) documentation, and conduct disposition of facilities, which could include continued operation, potential alternate sponsorship, or shutdown in an environmentally safe fashion. This activity also provides funding for legacy occupancy (309 and 337 Buildings).

The following two budget categories incorporates the work scope for this ADS:

SURVEILLANCE & MAINTENANCE encompasses the 308 Building operation and surveillance activities necessary to assure a safe and compliant facility, and legacy occupancy for the 309 and 337 Buildings.

DEACTIVATION/COMPLIANCE ACTIONS involve the TRIGA fuel disposition and cleanout of the 308 Building, the NE RCRA Closure activities, and the work scope necessary to disposition the NE Legacies facilities.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

D/C Activities Completed to Date for 308 Building (04-01-94):
308 Building glovebox stabilization and Confinement Lay-up Documentation;
Transmit draft TRIGA Fuel Removal/Storage Environmental Assessment to RL;
Submit Sodium Management Plan to RL; and
Interim Shutdown of the 308 Building.

D/C Activities Completed to Date for NE RCRA Closures are (12-31-93): Met TPA milestones M-20-14 (4843 AMSF), M-20-18 (3718-F) and M-20-41 (105-DR LSFF): Submittal of RCRA Closure Plans to regulators;

TPA Milestone M-20-45, which was to submit withdrawal petition on the 221-T permit application, was completed in 1989. The petition was submitted to Ecology, and no response has been received; and

TPA Milestone M-20-29 (MASF TSD Part B Permit submittal) was deferred pending plant status.

~~NARRATIVE Continued~~

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D/C Activities Completed to Date for NE Legacies are (12-31-93): Submitted Engineering Studies on 221-T/335/335A to RL; Identified buyer for all NE Legacy sodium; and Completed removal of Legacy chemicals in the 324 Building.

Current Year (FY 1994) Description:

S&M: Continue 308 Building surveillance during interim shutdown; and Continue Legacy Occupancy which consists of landlord activities for buildings 309 and 337.

D/C: Complete TRIGA cask SARP and design; Ship 78 containers of new, bulk, solid sodium to off-site vendor; Define shipping containers for sodium staged at 1720-DR and 3718-M; Submit NEPA Documentation for Sodium Test Loop Disposal to RL; Submit RCRA Closure Activities Report to RL; and Continue ongoing closure plan approval process and closure activities as appropriate.

Budget Year (FY 1995) Description(Limit 52 lines or less):

The following activities will be performed:

S&M: Continue minimal 308 Building operating systems to ensure a safe and compliant facility; Continue 308 Building and TRIGA Reactor surveillance; and Continue Legacy Occupancy which consists of landlord activities for buildings 309 and 337.

D/C: Fabricate TRIGA Fuel shipping and storage casks; The NE RCRA Closures are being deferred one year to partially accommodate the \$7M budget reduction; Initiate transfer of bulk sodium from 1720-DR and from 3718-M storage tanks to Off-Site vendor shipping containers; and Complete in situ cleaning of sodium tank at 1720-DR.

PC: Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$-1.3M, resulting in a new total of \$3.5M. These adjustments may require a FY 1995 budget amendment.

Planning Year (FY 1996) Description(Limit 156 lines or less):

NOTE: Values shown do not include Productivity Commitment (w/o PC).

Decrement Level Activities:

Total cost for the Decrement Case is \$1.6M (w/o PC).

S&M: Cost for S&M is \$1.6M (w/o PC) and includes the following:
308 Building and TRIGA fuel surveillance;
308 Building Operations to ensure a safe and compliant facility; and
Nuclear Energy Legacy Occupancy.

~~NARRATIVE Continued~~

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D/C: NO WORK IS PERFORMED SINCE NO FUNDING IS PROVIDED.

Target Level Activities:

Total cost for the Target Case is \$4.5M (w/o PC).

S&M: The same as for the Decrement level at a cost of \$1.6M (w/o PC).

D/C: TRIGA Fuel Disposition which includes completion of cask fabrication and shipping of TRIGA fuel;
NE RCRA Closures which provides for the environmental management of five of the NE hazardous waste facilities;
NE Legacies which includes: Initiate removal of first sodium test loop and the bulk sodium stored in the loop's holding tank; and
Complete in situ cleaning of the 3718-M tank. The total D/C cost is \$3M (w/o PC).

Planning Level Activities: Same as Target level.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

S&M: The 308 Building Surveillance for safety and environmental compliance will continue as required. The facility will be in a state of readiness for transfer to D&D, or an alternate sponsor. No surveillance funding for this activity will be provided after FY 1998.

D/C: The RCRA Closures will continue from the previous year description with the 105-DR LSFF, 4843 AMSF and 3718-F closure activities scheduled for completion by FY 1997.

The NE Legacies facilities and associated materials will continue to be addressed with respect to the applicable requirements. Alternative sponsors and disposition strategies will continue to be evaluated. The private sector will be canvassed to determine if the capability exists for fixed price contracts to 'clean out' legacy facilities should the need arise. Other activities include:

Complete removal of first test loop and initiate removal of second test loop - FY 1997;

Complete removal of second test loop and initiate removal of the third test loop - FY 1998;

Complete removal of the third test loop, remove the fourth test loop and initiate removal of the 337 High Bay test loop - FY 1999;

Complete removal of the bulk sodium from the CRCTA vessel and in situ cleaning - FY 2000;

Complete removal of the 337 High Bay test loop - FY 2001.

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Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unite rate, application of more efficient processes, or through cost avoidance.

Impact: DOE accountability requests that the 308 Building be operated and maintained to ensure a safe and compliant facility. Insufficient funding would reduce the environmental, safety and health posture of the facility and increase the potential for non-compliance and/or impact on safety, health and the environment.

Assumption: The three RCRA closure plans will be approved by the regulators (EPA and the Washington Department of Ecology) as currently anticipated; closure activities will commence in FY 94 and be completed for all three facilities by FY 97.

Supporting Documents(Limit 5 lines or less):

308 Building Shutdown Plan (Memorandum to R. A. Hunter and E. G. Feldt from J. E. Mecca, dated October 7, 1993), Advanced Reactors Fiscal Year Work Plan (Memorandum to E. G. Feldt from J. E. Mecca, dated November 3, 1993).

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

CAA:

The Clean Air Act (CAA) regulations are administered by a permitting system. Fines/imprisonment and civil/criminal suits are penalties for non-compliance.

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DESCRIPTION OF REGULATORY DRIVERS Continued

CWA:

Liquid effluent permitting is covered in the Clean Water Act (CWA).

DOE:

Non-compliance with Department of Energy (DOE) Orders per se may not result in penalties, but infractions may invoke external legal penalties related to public and worker health and safety, environmental damage and other civil/criminal actions.

FED:

The FFTF is covered under Federal (FED) regulations were applicable.

NEPA_R:

The National Environmental Policy Act (NEPA) and subsequent court decisions have established that any party can sue when Part 1 or Part 2 violations are alleged.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

OSHA:

Several Occupational Safety Health Act (OSHA) violation types and violations carry fines. State and local district attorneys can also bring criminal charges against alleged violators.

RCRA:

The Resource Conservation and Recovery Act (RCRA) allows both civil and criminal penalties for violation of "cradle-to-grave" control of hazardous waste. The Environmental Protection Agency (EPA) is the enforcer.

ST:

WAC 173-303 implements RCRA hazardous waste regulations in Washington State (ST) and includes the designation, monitoring and control of hazardous substances that become waste. A State permitting program is also administered under this driver.

TRI:

The DOE is responsible for providing funds and resources in support of the Tri-Party Agreement (TRI = DOE/EPA/Washington State). The regulators ensure DOE compliance with existing Federal and State regulations. Compliance is legally binding.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

TSCA:

The Toxic Substance Control Act (TSCA) allows substantial fines to be placed on violators. TSCA also provides for citizens enforcement and legal fee awards through lawsuits.

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Operations Office: RL ID No.: 6642- 0 Revision Date: 4/15/1994
ADS Title: FFTF SHUTDOWN CONSTRUCTION PROJECTS
WBS No.: 1.6.8.2.9.2 Category: FT Appr.:
Project Title: FFTS EXPENSE FUNDED CONS Facility/WAG: FFTF/400 AREA
Installation: HANFORD-400 CID: RL10930 ZOVHD: 18
For Line Item Project: 95RL F-028 TPC: TEC:
Contig: 0
CNTR Manager: LOIKA, EF Phone: 509-376-0758
O.O. Manager: MECCA, JE Phone: 509-376-7471
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
DOE: Y IAG: N OSHA: Y ORD: N ST : Y TRI : Y FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER CATEGORY TARGET	PLAN	IMM RISK
OE	0	0		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	106		D	0	0	0	0
				E	0	0	0	0
TOTAL	0	106		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	5,463	20,014	20,014
				TOTAL	0	5,463	20,014	20,014

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	5,463	11,070	15,787	16,132	0
TOTAL	5,463	11,070	15,787	16,132	0

FTEs	FY94	FY95			
Direct	0	0			
Indirect	0	0			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	20,014	0	0	0	0
TOTAL	20,014	0	0	0	0

FTEs	FY94	FY95			
Direct	0	0			
Indirect	0	0			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: TRANSITION PLANNING/IMPLEMENTATIO
SUB-DESC: PROGRAM: EM SUBACT: AA
TITLE: FFTF INTERIM FUEL STORAGE AREA
APPROP: D

				DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
EW7010000	0	0		E	0	0	0
	0	0		F	0	0	0
	0	0		G	0	0	0
	0	118		H	0	0	0
				I	0	0	0
TOTAL	0	118		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7010000	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: TRANSITION PLANNING/IMPLEMENTATIO						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PFP FUEL STORAGE MODS FOR FFTF									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7010000	0	0			E	0	0	0	0
	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	1,725	1,725
TOTAL	0	0						1,725	1,725
					TOTAL	0	0	1,725	1,725

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7010000	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	1,855	1,869	0	0
TOTAL	0	1,855	1,869	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1,725	0	0	0	0
TOTAL	1,725	0	0	0	0

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Budget Detail Profile

DESC: TRANSITION PLANNING/IMPLEMENTATIO
SUB-DESC: PROGRAM: EM SUBACT: AC
TITLE: FFTF SODIUM STORAGE FACILITY
APPROP: D

DESC: TRANSITION PLANNING/IMPLEMENTATIO					FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AC					DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: FFTF SODIUM STORAGE FACILITY									
APPROP: D									
				A	0	0	0	0	
				B	0	0	0	0	
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0	
				D	0	0	0	0	
EW7010000	0	0		E	0	0	0	0	
	0	0		F	0	0	0	0	
	0	0		G	0	0	0	0	
	0	0		H	0	0	0	0	
				I	0	5,921	3,566	3,566	
TOTAL	0	0		TOTAL	0	5,921	3,566	3,566	

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7010000	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	5,921	9,215	3,403	0	0
TOTAL	5,921	9,215	3,403	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	3,566	0	0	0	0
TOTAL	3,566	0	0	0	0

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Budget Detail Profile

DESC: TRANSITION PLANNING/IMPLEMENTATIO				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: FFTF SODIUM REACTION FACILITY							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94, APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW7010000	0	0		E	0	0	0
	0	0		F	0	0	0
	0	0		G	0	0	0
	0	0		H	0	0	0
			I	0	0	14,723	14,723
TOTAL	0	0		TOTAL	0	14,723	14,723

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7010000	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	10,515	16,132	0
TOTAL	0	0	10,515	16,132	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	14,723	0	0	0	0
TOTAL	14,723	0	0	0	0

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Budget Detail Profile

DESC: TRANSITION PLANNING/IMPLEMENTATIO					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SHUTDOWN CONSTRUCTION PRODUCTIVI								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7010000	0	0		E	0	0	0	0
	0	0		F	0	0	0	0
	0	0		G	0	0	0	0
	0	-12		H	0	0	0	0
				I	0	-458	0	0
TOTAL	0	-12		TOTAL	0	-458	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7010000	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	-458	0	0	0	0
TOTAL	-458	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7010000	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

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Al06 Cross References

Al06 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL

Title:

Transferred in its entirety:

Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 6642-00-0005 TPA MS NO.:
Title: Initiate construction of the Interim Storage Area.
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1993 10/01/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Start Interim Storage Area construction at an existing concrete pad approximately 120 feet long by 90 feet wide that is located within the fenced FFTF complex. The storage pad will have additional lighting and fencing for safety and security needs.

Milestone No.: Milestone Seq: 6642-00-0025 TPA MS NO.:
Title: Complete construction of the Interim Storage Area.
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 6/30/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Interim Storage Area construction activities that added a surrounding fence and additional area lighting based on safety and security requirements.

MILESTONES Continued

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~~MILESTONES Continued~~

Milestone No.: Milestone Seq: 6642-00-0015 TPA MS NO.:
Title: Initiate construction of the Sodium Storage Facility.
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/01/1995 1/01/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Start construction of the sodium storage facility that will provide for close coupling with the FFTF plant during sodium offloading. It will permit a safe and efficient drain operation and support the five year shutdown schedule.

Milestone No.: Milestone Seq: 6642-00-0010 TPA MS NO.:
Title: Initiate modifications to the Plutonium Finishing Plant.
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/01/1997 4/01/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
It has not yet been determined whether the unirradiated FFTF fuel will be placed in interim storage or downloaded to pellets for container storage. For interim storage, wall mounted racks need to be installed.

Milestone No.: Milestone Seq: 6642-00-0035 TPA MS NO.:
Title: Complete construction of the Sodium Storage Facility.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1995 9/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Sodium Storage Facility construction that will house the FFTF plant sodium, as well as the Hallam and the Sodium Reactor Experiment contaminated sodium stored on in 200 West Area.

Milestone No.: Milestone Seq: 6642-00-0030 TPA MS NO.:
Title: Complete modifications to the Plutonium Finishing Plant.
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1998 3/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Plutonium Finishing Plant modifications that provides storage space for the FFTF unirradiated fuel assemblies.

~~MILESTONES Continued~~

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MILESTONES Continued

Milestone No.: Milestone Seq: 6642-00-0020 TPA MS NO.:
Title: Initiate construction of the Sodium Reaction Facility.
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1998 10/01/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Start construction of the Sodium Reaction Facility that will react the sodium and produce a safe and environmentally compliant material that can be buried or converted to a chemical form for use as feedstock.

Milestone No.: Milestone Seq: 6642-00-0040 TPA MS NO.:
Title: Complete construction of the Sodium Reaction Facility.
Planning Date Target Date Decrement Date Level: HQ Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: FFTF Shutdown Plan
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Sodium Reaction Facility construction. The facility is now ready to begin reacting the sodium stored in the Sodium Storage Facility and converting to a non-hazardous material for disposal or as a chemical feedstock.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 08:08:26

Technical Scope Summary(Limit 15 line or less):

This ADS provides for the design and construction of the four construction sub-projects needed to support the shutdown of the FFTF within the five year time frame. These sub-projects are: Interim Storage Area; Plutonium Finishing Plant (PFP) Modifications; Sodium Storage Facility; and Sodium Reaction Facility. Details for each of these sub-projects are contained in the Construction Project Data Sheets and the Fast Flux Test Facility Shutdown Program Plan page 100 (9.8), dated March 4, 1994. THE DECREMENT CASE STOPS SHUTDOWN ACTIVITIES AND RETAINS ONLY SKILLED OPERATIONS AND SUPPORT PERSONNEL NEEDED TO MAINTAIN PLANT SAFETY. Reduced funding levels delays construction of these critical path facilities which increases the total project cost of at least \$30M per year.

Technical Scope Detail(Limit 104 lines or less):

1) The Interim Storage Area will provide a storage area for up to 60² Interim Storage Casks that contain irradiated FFTF fueled components. This storage area utilizes an existing concrete pad located in the northeast corner of the FFTF complex. The upgrades to the Interim Storage Area (consisting of a surrounding fence and appropriate lighting) are planned

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~~NARRATIVE Continued~~

for FY95. (\$0.1M)

2) Plutonium Finishing Plant Modifications will provide a secure storage location for the unirradiated FFTF fueled components. Currently there are 33 fuel assemblies residing in the FFTF that will be shipped to PFP and stored for an indefinite period of time. Although a final decision has not been made as to where in PFP the fuel will be stored, two options for the disposition have been preliminarily evaluated. Option 1 places the assemblies on wall mounted storage racks. Option 2 downloads the fuel pellets contained within the individual pins, and the pellets would be stored in cans in the PFP vaults. Further analysis and cost studies need to be completed. (\$3.7M)

3) The Sodium Storage Facility will provide an interim storage location for the FFTF sodium and NaK. This facility will also house the sodium from the Interim Decay Storage (IDS) vessel and the Fuel Storage Facility (FSF) vessel. Consideration is also being given to storing the Hallam and SRE contaminated sodium which is currently stored in the Hanford 200 Area. (\$18.5M)

4) The Sodium Reaction System will be used to dispose of the sodium and NaK being stored in the Sodium Storage Facility. This facility would allow for the safe and environmentally compliant disposition of the sodium metal coolant. (\$26.6M)

DEACTIVATION/COMPLIANCE ACTIONS encompass all the work scope involved with this ADS.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Activities Completed to Date (12-15-93):

NONE

Current Year (FY 1994) Description:

D/C: Complete Interim Storage Area FDC and CDR (funded in ADS 6640-0).

Complete Sodium Storage Facility FDC and CDR (funded in ADS 6640-0).

Budget Year (FY 1995) Description(Limit 52 lines or less):

The following activity will be performed:

D/C: Construction of the Interim Storage Area.

PC: Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$-5.4M, resulting in a new total of \$0.1M. These adjustments may require a FY 1995 budget amendment.

Planning Year (FY 1996) Description(Limit 156 lines or less):

NOTE: Values shown do not include Productivity Commitment (w/o PC).

Decrement Level Activities:

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

D/C: The Decrement Case will result in construction of the Interim Storage Area only. The \$6M reduction from the Target Level further delays the completion of the Sodium Storage Facility design and the start of its construction. The remaining budget reduction is shown in ADSs 6640-0 and 6641-0.

Target Level Activities:

D/C: Start and finish Title I Design of the Sodium Storage Facility and start construction at a cost of \$5.9M (w/o PC).

Planning Level Activities:

Total cost for the Planning Case is \$20M (w/o PC).

The Planning Level is the same as last years FY 95 ADS 4200-0 which was based on the FFTF Cold Standby Plan. This Plan provided significant saving in Operating costs in the out years by allowing the early construction of the Sodium Storage Facility and Interim Storage Area which resulted in major Plant systems to be defueled and drained of sodium at an earlier date than the Target Case.

Construction of the Sodium Reaction Facility likewise offered significant cost savings by allowing sodium reaction/disposal to start during fuel washing instead of delaying it until after plant shutdown. The Planning Level assumed no budgetary restraints in the early years of shutdown thereby providing earlier budget and manpower rampdown than the above Target Case.

D/C: Cost for D/C is \$20M and includes the following:

Complete PFP Modifications;

Complete construction of the Sodium Storage Facility; and

Complete construction of the Sodium Reaction Facility.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

D/C: Complete construction of the Sodium Storage Facility - FY 1998 (Note: If impacted by the FY96 Decrement Level budget reduction, this activity will be delayed a minimum of one year);

Complete PFP modifications - FY 1998;

Start Title I Design of the Sodium Reaction Facility - FY 1998; and

Complete construction of the Sodium Reaction Facility - FY 1999.

Impacts/Assumptions(Limit 42 lines or less):

Impacts: Reduced project funding will increase the overall shutdown costs due to schedule delay. For every year the project is delayed due to budget constraints results in an approximate \$20-30 million increase in total project cost.

Assumption: In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unite

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

rate, or the application of more efficient processes, or through cost avoidance.

The FFTF Shutdown Program Plan includes additional impacts/assumptions.

Supporting Documents(Limit 5 lines or less):

The FFTF Cold Standby Plan;
FFTF Shutdown Program Plan; and
The Fiscal Year Work Plan.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

CAA:

The Clean Air Act (CAA) regulations are administered by a permitting system. Fines/imprisonment and civil/criminal suits are all penalties for non-compliance.

DOE:

Non-compliance with Department of Energy (DOE) Orders per se may not result in penalties, such infractions may invoke external legal penalties related to public and worker health and safety, environmental damage and other civil/criminal actions.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

FED:

The FFTF is covered under Federal (FED) regulations where applicable.

NEPA R:

The National Environmental Policy Act (NEPA) and subsequent court decisions have established that any party can sue when Part 1 or Part 2 violations are alleged.

OSHA:

Several Occupational Safety Health Act (OSHA) violation types and violations carry fines. State and local district attorneys can also bring criminal charges against alleged violators.

RCRA:

The Resource Conservation and Recovery Act (RCRA) allows both civil and criminal penalties for violation of "cradle-to-grave" control of hazardous waste. The Environmental Protection Agency (EPA) is the enforcer.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

WAS 173-303 implements RCRA hazardous waste regulations in Washington State (ST) and includes the designation, monitoring and control of hazardous substances that become waste. A State permitting program is also administered under this driver.

TRI:

The DOE is responsible for providing funds and resources in support of the Tri-Party Agreement (TRI - DOE/EPA/Washington State). The regulators ensure DOE compliance with existing Federal and State regulations. Compliance is leagally binding.

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Operations Office: RL ID No.: 6660- 0 Revision Date: 4/21/1994
ADS Title: PROGRAM INTEGRATION
WBS No.: 1.6.8.2.5.1 Category: FT Appr.:
Project Title: RL LANDLORD BASE PROGRAM Facility/WAG: None
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: N/A TPC: 0 TEC: 0
Contig: 0
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 0 2. 0 3. 0

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: Y
DOE: Y IAG: N OSHA: Y ORD: N ST : N TRI : N FED : Y FFCA: N
OTHER 1: Y OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	7,677	4,943		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	159	159	159	0
LI	0	0		D	0	0	0	0
				E	4,736	4,969	9,553	9,553
TOTAL	7,677	4,943		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	4,895	5,128	9,712	9,553

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	4,895
CE	0
GPP	0
LI	0
TOTAL	4,895

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	5,128	6,556	10,565	10,204	10,946
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	5,128	6,556	10,565	10,204	10,946

FTEs	FY94	FY95
Direct	0	39
Indirect	0	29
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	37	49	75	70	74
Indirect	27	36	55	52	55
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	9,712	10,305	10,565	10,203	10,949
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	9,712	10,305	10,565	10,203	10,949

FTEs	FY94	FY95
Direct	0	39
Indirect	0	29
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	73	75	75	70	74
Indirect	54	55	55	52	55
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROGRAM MANAGEMENT								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7030000	1,723	2,057		E	1,854	1,852	2,421	2,421
35EW70300	0	0		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	1,723	2,057		TOTAL	1,854	1,852	2,421	2,421

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	1,854
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	1,854

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,852	2,492	2,567	2,644	2,724
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,852	2,492	2,567	2,644	2,724

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	2,421	2,493	2,567	2,642	2,727
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	2,421	2,493	2,567	2,642	2,727

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER		CATEGORY	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	
TITLE: CAS/CAIS/CAMP									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	994	997			E	1,055	1,283	3,012	3,012
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	994	997			TOTAL	1,055	1,283	3,012	3,012

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	1,055
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	1,055

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,283	2,045	3,280	3,390	3,505
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,283	2,045	3,280	3,390	3,505

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	3,012	3,174	3,280	3,390	3,505
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	3,012	3,174	3,280	3,390	3,505

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SITE PLANNING							
APPROP: D							
				A	0	0	0
				B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW7030000	1,635	1,734		E	1,827	1,834	4,119
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
				I	0	0	0
TOTAL	1,635	1,734		TOTAL	1,827	1,834	4,119

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	1,827
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	1,827

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,834	1,855	4,549	3,996	4,538
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,834	1,855	4,549	3,996	4,538

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	4,119	4,474	4,549	3,996	4,538
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	4,119	4,474	4,549	3,996	4,538

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Budget Detail Profile

DESC: LANDLORD

SUB-DESC: PROGRAM: EM SUBACT: AE

TITLE: NEPA

APPROP: D

				FY96 DRIVER CATEGORY			
				DECREMENT	TARGET	PLAN	IMM RISK
				A	0	0	0
				B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	159	159	159
				D	0	0	0
EW7030000	125	154		E	0	0	0
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
				I	0	0	0
TOTAL	125	154		TOTAL	159	159	159
							0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	159
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	159

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	159	164	169	174	179
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	159	164	169	174	179

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	159	164	169	174	179
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	159	164	169	174	179

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AG				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: STEAM ACCIDENT CONDUCT OF OPERAT							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
				E	0	0	0
				F	0	0	0
				G	0	0	0
				H	0	0	0
				I	0	0	0
EW7030000	3,200	0					
35EW70300	0	0					
39EW70300	0	0					
39EW70300	0	0					
TOTAL	3,200	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6670 0

Title: GENERAL ADMIN SUPPORT/BUILDINGS

Transferred in its entirety: N

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: Milestone Seq: 6660-00-0475 TPA MS NO.: NONE

Title: SACOU UPGRADE PROJECT PLAN

Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1993 10/01/1993 PTS: N SMS: Y

Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

A WRITTEN PROJECT PLAN THAT ADDRESSES CORRECTIVE ACTIONS AS SPECIFIED IN THE TYPE A INVESTIGATION OF THE U-3 STEAM PIT ACCIDENT. PROJECT PLAN TO INCLUDE WORK BREAKDOWN STRUCTURE, OBJECTIVES, SCOPE, COST ESTIMATE, ETC. (UPDATED MONTHLY).

Milestone No.: Milestone Seq: 6660-00-0435 TPA MS NO.: NONE

Title: OSS APPLICABILITY MATRICES

Planning Date Target Date Decrement Date Level: FO Keyword: O
11/08/1993 11/08/1993 PTS: N SMS: Y

Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

COMPLETE CONDUCT OF OPERATIONS APPLICABILITY MATRICES FOR OSS STEAM & WATER, ELECTRICAL UTILITIES, GENERAL PURPOSE & FABRICATION ACTIVITIES, TRANSPORTATION & FLEET MAINTENANCE, AND CUSTODIAL SERVICES.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6660-00-0440 TPA MS NO.: NONE
Title: OSS MANAGER CONDUCT OF OPERATIONS RETRAINING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
11/11/1993 11/11/1993 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DEVELOP AND IMPLEMENT SPECIFIC TRAINING CLASS RELATED TO TYPE A ACCIDENT AND CONDUCT OF OPS FOR "RETRAINING/ATTENDANCE BY ALL OSS MANAGERS." COPY OF CLASS OUTLINE AND ATTENDANCE ROSTERS TO BE MAINTAINED IN PROJECT FILES.

Milestone No.: NONE Milestone Seq: 6660-00-0445 TPA MS NO.: NONE
Title: MENTOR/TECH. ADVISOR CONTRACT AWARD/IMPLEMENTATION
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
11/19/1993 11/19/1993 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DEVELOP AND ESTABLISH A TECHNICAL ADVISOR/MENTOR PROGRAM IN UTILITIES FOR GRASS ROOTS/BOOTSTRAP IMPLEMENTATION OF CONDUCT OF OPS. AWARD OF CONTRACT AND IMPLEMENTATION OF CONTRACT TO BE DOCUMENTED IN SACOU WBS. COPY TO BE PLACED IN

Milestone No.: NONE Milestone Seq: 6660-00-0425 TPA MS NO.: NONE
Title: STEAMTRAP TRAINING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/22/1993 12/22/1993 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
CONDUCT OR CONTRACT TO CONDUCT A "HANDS-ON" TRAINING CLASS FOR OPERATIONS & MAINTENANCE OF STANDARD/TYPICAL STEAM TRAPS FOR UTILITIES OPERATIONS, TRAINING, AND MAINTENANCE PERSONNEL.

Milestone No.: Milestone Seq: 6660-00-0420 TPA MS NO.: NONE
Title: BENCHMARKING REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/29/1993 12/29/1993 PTS: N SMS: Y
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
A WRITTEN REPORT TO RL OF WHC BENCHMARKING REVIEW OF FIVE NON-NUCLEAR OPERATIONS AT FIVE WEC GOCO SITES AND DAVIS BEESE NUCLEAR POWER STATION. REPORT TO CONTAIN BEST PRACTICES AND ENABLERS (FOR CONDUCT OF OPERATIONS) FOR USE AT NON-NUCLEAR SITES.

MILESTONES Continued

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Milestone No.: Milestone Seq: 6660-00-0480 TPA MS NO.: NONE
Title: DEVELOP LIFE CYCLE ANALYSIS MODEL FOR LL FUNCTIONAL UNITS
Planning Date Target Date Decrement Date Level: FO Keyword: 0
12/31/1993 12/31/1993 PTS: N SMS: Y
Driver Name: N/A Driver Reference: ORDER 4320.2A CAMP
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
COMPLETED 12/27/93.

Milestone No.: NONE Milestone Seq: 6660-00-0450 TPA MS NO.: NONE
Title: START UTILITIES LABELING PROGRAM
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
1/01/1994 1/01/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INITIATE LABELING OF UTILITIES SYSTEM COMPONENTS PER ESTABLISHED LABELING
METHODOLOGY. COPY OF LABEL METHODOLOGY PLAN TO BE PLACED IN PROJECT FILE. STATUS
INFORMATION TO BE INCLUDED IN SACOU WBS MONTHLY UPDATES.

Milestone No.: Milestone Seq: 6660-00-0485 TPA MS NO.: NONE
Title: COMPLETE INSPECTIONS ON INADEQUATE FACILITIES & DISP LIST
Planning Date Target Date Decrement Date Level: FO Keyword: 0
3/15/1994 3/15/1994 PTS: N SMS: Y
Driver Name: N/A Driver Reference: ORDER 4320.2A CAMP
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
COMPLETED 2/28/94.

Milestone No.: Milestone Seq: 6660-00-0455 TPA MS NO.: NONE
Title: HUMAN BEHAVIOR EVALUATION STUDY
Planning Date Target Date Decrement Date Level: FO Keyword: 0
3/31/1994 3/31/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
A "WHITE PAPER" HUMAN BEHAVIORAL STUDY OF SELECTED WHC WORKFORCE PER MSL/WHC SACOU
SCOPE OF WORK, COPY TO BE KEPT IN PROJECT FILE. REPORT TO BE DELIVERED TO RL.
COMPLETED 3/31/94.

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Milestone No.: NONE Milestone Seq: 6660-00-0325 TPA MS NO.: NONE
Title: 1996 FIVE-YEAR PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/01/1994 4/01/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105STAT1290/3135a
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THE PURPOSE OF THE FIVE-YEAR PLAN IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST BASELINE BY ACTIVITY DATA SHEET FOR A FIVE YEAR PERIOD. COMPLETION OF THIS MILESTONE CONSISTS OF DELIVERING A QUALITY PRODUCT.

Milestone No.: Milestone Seq: 6660-00-0490 TPA MS NO.: NONE
Title: UPDATE HANFORD SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1994 4/30/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

DEVELOPMENT PLAN IS REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

Milestone No.: Milestone Seq: 6660-00-0430 TPA MS NO.: NONE
Title: UTILITIES STEAM SYSTEM INSPECTION
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/1994 5/01/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

SACOU TECHNICAL TEAM IS TO COMPLETE AN INSPECTION OF THE 200 AND 300 UTILITIES STEAM SYSTEM PER THE DEVELOPED "GENERIC ENGINEERED STEAM SYSTEM REVIEW/INSPECTION GUIDELINES." COMPLETION OF THIS MILESTONE COMMITMENT WILL BE WRITTEN REPORT TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0495 TPA MS NO.: NONE
Title: PREPARE AND ISSUE FY 1996 LANDLORD INPUT TO CAMP REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/01/1994 6/01/1994 PTS: N SMS: N
Driver Name: N/A Driver Reference: ORDER 4320.2A CAMP
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

PER CAMP CALL LETTER LANDLORD INPUT TO THE CAMP REPORT IS PREPARED AND ISSUED TO RL.

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Milestone No.: Milestone Seq: 6660-00-0470 TPA MS NO.: NONE
Title: UTILITIES TRAINING PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1994 6/30/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
SUBMIT UTILITIES TRAINING PLAN.

Milestone No.: NONE Milestone Seq: 6660-00-0500 TPA MS NO.: NONE
Title: UPDATE 300 AREA SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/30/1994 6/30/1994 PTS: N SMS: N
Driver Name: N/A Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0005 TPA MS NO.: NONE
Title: DEVELOP 600 AREA SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
DEVELOP A SITE DEVELOPMENT PLAN FOR THE 600 AREA AND ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0010 TPA MS NO.: NONE
Title: UPDATE HANFORD INFRASTRUCTURE PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
THE HANFORD INFRASTRUCTURE PLAN IS REVIEWED AND REVISED BASED ON CURRENT
INFORMATION. UPDATE AND ISSUE TO RL.

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Milestone No.: NONE Milestone Seq: 6660-00-0015 TPA MS NO.: NONE
Title: UPDATE 100 LOCAL AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
100 Area development plan is reviewed and revised based on current information.
Update and issue to RL.

Milestone No.: NONE Milestone Seq: 6660-00-0035 TPA MS NO.: NONE
Title: UPDATE 700/1100/3000 LOCAL AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
The development plans for the 700, 1100, and 3000 Areas will be reviewed and revised
based on current information. Update and issue to RL.

Milestone No.: Milestone Seq: 6660-00-0045 TPA MS NO.: NONE
Title: COMPLETE SURVEILLANCE & MAINTENANCE ALL FACILITIES SCHEDULED
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE ALL SURVEILLANCE AND MAINTENANCE ACTIVITIES PER THE PLANT OPERATING
PROCEDURES.

Milestone No.: Milestone Seq: 6660-00-0050 TPA MS NO.: NONE
Title: ISSUE ANNUAL REPORT ON ACCOMPLISHMENTS SURV. & MAINT. FOR FY 1994
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
SUBMIT A REPORT TO DOE-RL THAT SUMMARARIZES FY 1994 ACTIVITIES AND DESCRIBES FY 1995
ACTIVITIES.

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Milestone No.: NONE Milestone Seq: 6660-00-0105 TPA MS NO.: NONE

Title: FY 1994 MONTHLY PTS REPORT

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: N

Driver Name: DOE Driver Reference: DOE-HQ; RLP 5000.8

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT, I.E.,
THE FISCAL YEAR WORK PLAN IS A MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE
CONSISTS OF DELIVERING A QUALITY PTS REPORT TO RL/DOE-HQ BY THE REQUIRED DATE.

Milestone No.: NONE Milestone Seq: 6660-00-0185 TPA MS NO.: NONE

Title: FY 1994 MONTHLY SMS REPORT

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: N

Driver Name: DOE Driver Reference: RLPD 5000.1 SITE MGMT SYSTEM

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT (FISCAL
YEAR WORK PLAN) IS A DOE-RL MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE
CONSISTS OF A DELIVERING A QUALITY SMS REPORT TO DOE-RL BY THE REQUIRED DATE.

Milestone No.: Milestone Seq: 6660-00-0460 TPA MS NO.: NONE

Title: TECH. ADVISORS QUARTERLY ASSESSMENTS

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

WHC/SACOU TECH. ADVISOR/MENTOR CONTRACT SPECIFIES QUARTERLY ASSESSMETNS BY TECH.
ADVISORS ON CONDUCT OF OPERATIONS IMPROVEMENTS (3-31, 6-30, 9-30) NOTES. COPIES TO
BE FILED IN PROJECT FILE.

Milestone No.: Milestone Seq: 6660-00-0465 TPA MS NO.: NONE

Title: SACOU TRANSITION PLAN

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: ORDER 5480.19 CONDUCT OF OPS

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

A LETTER REPORT THAT ASSIGNS REPSONSIBILITIES FOR ONGOING SACOU ACTIONS (BEYOND LIFE
OF PROJECT, I.E., 9/30/94). REPORT TO BE PROVIDED TO RL.

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Milestone No.: Milestone Seq: 6660-00-0055 TPA MS NO.: NONE
Title: INITIATE SCHEDULE/PRIORITY FOR FY 1996 SURVEIL & MAINT ACTIVITIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1994 10/01/1994 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DEFINE SURVEILLANCE PRIORITY AND ESTABLISH SCHEDULE OF BUILDING SURVEILLANCE BASED ON CYCLICAL REQUIREMENTS. FULLY DESCRIBED IN FY 1994 ANNUAL REPORT.

Milestone No.: NONE Milestone Seq: 6660-00-0270 TPA MS NO.: NONE
Title: FY 1995 MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/22/1994 10/22/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLID 5000.2 LONG RNG PLNG PROC
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE MYPP IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST BASELINE FOR THE LIFE OF THE PROGRAM. LOGIC DIAGRAMS, BASIS AND ASSUMPTIONS AND SCOPE STATEMENTS ARE ALSO DEVELOPED.

Milestone No.: Milestone Seq: 6660-00-0025 TPA MS NO.: NONE
Title: UPDATE 200 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1994 12/31/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE 200 AREA DEVELOPMENT PLAN WILL BE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0330 TPA MS NO.: NONE
Title: 1997 FIVE-YEAR PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/01/1995 4/01/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105STAT1290/3135a
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE FIVE-YEAR PLAN IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST BASELINE BY ACTIVITY DATA SHEET FOR A FIVE YEAR PERIOD. COMPLETION OF THIS MILESTONE CONSISTS OF DELIVERING A QUALITY PRODUCT.

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Milestone No.: NONE Milestone Seq: 6660-00-0355 TPA MS NO.: NONE
Title: FY 1997 CAMP REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/15/1995 4/15/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 4320.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
FY 1997 CAMP REPORT.

Milestone No.: NONE Milestone Seq: 6660-00-0060 TPA MS NO.: NONE
Title: UPDATE HANFORD SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1995 4/30/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE DEVELOPMENT PLAN FOR THE HANFORD SITE IS REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

Milestone No.: Milestone Seq: 6660-00-0040 TPA MS NO.: NONE
Title: UPDATE 400 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1995 6/30/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE DEVELOPMENT PLAN FOR THE 400 AREA WILL BE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

Milestone No.: Milestone Seq: 6660-00-0030 TPA MS NO.: NONE
Title: UPDATE 300 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE DEVELOPMENT PLAN FOR THE 300 AREA WILL BE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

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Milestone No.: Milestone Seq: 6660-00-0065 TPA MS NO.: NONE
Title: COMPLETE SCHEDULED SURVEIL & MAINT OF ALL FACILITIES SCHEDULED
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
COMPLETE ALL SURVEILLANCE AND MAINTENANCE ACTIVITIES PER THE PLANT OPERATING PROCEDURES.

Milestone No.: Milestone Seq: 6660-00-0070 TPA MS NO.: NONE
Title: ISSUE ANNUAL REPORT ON ACCOMPL SURVEIL & MAINT FOR FY 1995
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
SUBMIT A REPORT TO DOE-RL THAT SUMMARIZES FY 1995 ACTIVITIES AND DESCRIBES FY 1996 ACTIVITIES.

Milestone No.: NONE Milestone Seq: 6660-00-0110 TPA MS NO.: NONE
Title: FY 1995 MONTHLY PTS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE-HQ; RLP 5000.8
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT, I.E., THE FISCAL YEAR WORK PLAN IS A MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE CONSISTS OF DELIVERING A QUALITY PTS REPORT TO RL/DOE-HQ BY THE REQUIRED DATE.

Milestone No.: NONE Milestone Seq: 6660-00-0190 TPA MS NO.: NONE
Title: FY 1995 MONTHLY SMS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLPD 5000.1 SITE MGMT SYSTEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT (FISCAL YEAR WORK PLAN) IS A DOE-RL MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE CONSISTS OF DELIVERING A QUALITY SMS REPORT TO DOE-RL BY THE REQUIRED DATE.

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Milestone No.: Milestone Seq: 6660-00-0075 TPA MS NO.: NONE

Title: INITIATE SCHEDULE/PRIORITY FOR FY 1996 SURVEIL & MAINT ACTIVITIES

Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1995 10/01/1995 PTS: N SMS: Y

Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6680-AB

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

DESCRIBED IN FY 1995 ANNUAL REPORT.

Milestone No.: NONE Milestone Seq: 6660-00-0290 TPA MS NO.: NONE

Title: FY 1996 MULTI-YEAR PROGRAM PLAN

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/22/1995 10/22/1995 PTS: N SMS: N

Driver Name: DOE Driver Reference: RLID 5000.2 LONG RNG PLNG PROC

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THE PURPOSE OF THE MYPP IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST BASELINE FOR THE LIFE OF THE PROGRAM. LOGIC DIAGRAMS, BASIS AND ASSUMPTIONS AND SCOPE STATEMENTS ARE ALSO DEVELOPED.

Milestone No.: NONE Milestone Seq: 6660-00-0085 TPA MS NO.: NONE

Title: UPDATE 100 AREA DEVELOPMENT PLAN

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/31/1995 12/31/1995 PTS: N SMS: N

Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

THE AREA DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0345 TPA MS NO.: NONE

Title: 1998 FIVE-YEAR PLAN

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/01/1996 4/01/1996 PTS: N SMS: N

Driver Name: DOE Driver Reference: DEF AUTH ACT 105STAT1290/3135a

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THE PURPOSE OF THE FIVE-YEAR PLAN IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST BASELINE BY ACTIVITY DATA SHEET FOR A FIVE YEAR PERIOD. COMPLETION OF THIS MILESTONE CONSISTS OF DELIVERING A QUALITY PRODUCT.

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Milestone No.: NONE Milestone Seq: 6660-00-0365 TPA MS NO.: NONE
Title: FY 1998 CAMP REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/15/1996 4/15/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 4320.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
FY 1998 CAMP REPORT.

Milestone No.: NONE Milestone Seq: 6660-00-0080 TPA MS NO.: NONE
Title: UPDATE HANFORD SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1996 4/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE DEVELOPMENT PLAN FOR THE HANFORD SITE IS REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0115 TPA MS NO.: NONE
Title: UPDATE 600 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/30/1996 6/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
AREA DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE PLAN TO RL.

Milestone No.: Milestone Seq: 6660-00-0095 TPA MS NO.: NONE
Title: COMPLETE SCHEDULED SURVEIL & MAINT OF ALL FACILITIES SCHEDULED
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE ALL SURVEILLANCE AND MAINTENANCE ACTIVITIES PER THE PLANT OPERATING PROCEDURES.

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Milestone No.: Milestone Seq: 6660-00-0100 TPA MS NO.: NONE
Title: ISSUE ANNUAL REPORT OF SURV. & MAINT. ACCOMPLISHMENTS FOR 1996
Planning Date Target Date Decrement Date Level: FO Keyword: 0
9/30/1996 9/30/1996 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
SUBMIT A REPORT TO DOE-RL THAT SUMMARIZED FY 1996 ACTIVITIES AND DESCRIBES FY 1997 ACTIVITIES.

Milestone No.: NONE Milestone Seq: 6660-00-0120 TPA MS NO.: NONE
Title: UPDATE 700/1100/3000 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0125 TPA MS NO.: NONE
Title: FY 1996 MONTHLY PTS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE-HQ; RLP 5000.8
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE (FISCAL YEAR WORK PLAN) IS A DOE-HQ MONTHLY REQ'T. DELIVER QUALITY DATA TO RL/DOE-HQ PER MONTHLY DEADLINE.

Milestone No.: NONE Milestone Seq: 6660-00-0215 TPA MS NO.: NONE
Title: FY 1996 MONTHLY SMS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLPD 5000.1 SITE MGMT SYSTEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT, (FISCAL YEAR WORK PLAN) IS A DOE-RL MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE CONSISTS OF DELIVERING A QUALITY SMS REPORT TO DOE-RL BY THE REQUIRED DATE.

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Milestone No.: NONE Milestone Seq: 6660-00-0360 TPA MS NO.: NONE
Title: UPDATE 200 EAST SITE CATALOG
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 4320.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
UPDATE 200 EAST SITE CATALOG BUILDING DESCRIPTIONS AND PHOTOGRAPHS.

Milestone No.: Milestone Seq: 6660-00-0135 TPA MS NO.: NONE
Title: INITIATE SCHEDULE/PRIORITY FOR FY 1997 SURVEIL & MAINT ACTIVITIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1996 10/01/1996 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DESCRIBED IN FY 1996 ANNUAL REPORT.

Milestone No.: NONE Milestone Seq: 6660-00-0295 TPA MS NO.: NONE
Title: FY 1997 MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/22/1996 10/22/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLID 5000.2 LONG RNG PLNG PROC
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE MYPP IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST
BASELINE FOR THE LIFE OF THE PROGRAM. LOGIC DIAGRAMS, BASIS AND ASSUMPTIONS AND
SCOPE STATEMENTS ARE ALSO DEVELOPED.

Milestone No.: NONE Milestone Seq: 6660-00-0150 TPA MS NO.: NONE
Title: UPDATE 200 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/31/1996 12/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

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Milestone No.: NONE Milestone Seq: 6660-00-0350 TPA MS NO.: NONE
Title: 1999 FIVE-YEAR PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/01/1997 4/01/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105STAT1290/3135a
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE FIVE-YEAR PLAN IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE,
AND COST BASELINE BY ACTAIVITY DATA SHEET FOR THE FIVE YEAR PERIOD. COMPLETION OF
THIS MILESTONE CONSISTS OF DELIVERING A QUALITY PRODUCT.

Milestone No.: NONE Milestone Seq: 6660-00-0140 TPA MS NO.: NONE
Title: UPDATE HANFORD SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1997 4/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: ORDER 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0170 TPA MS NO.: NONE
Title: UPDATE 400 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/30/1997 6/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLANNING
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0130 TPA MS NO.: NONE
Title: FY 1997 MONTHLY PTS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE-HQ; RLP 5000.8
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PRGRAMMATIC BASELINE IS A DOE-HQ
MONTHLY REQ'T. DELIVER QUALITY DATA TO RL/DOE-HQ PER MONTHLY SCHEDULE.

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Milestone No.: Milestone Seq: 6660-00-0155 TPA MS NO.: NONE
Title: COMPLETE SCHEDULED SURVEIL & MAINT OF FACILITIES SCHEDULED
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
COMPLETE ALL SURVEILLANCE AND MAINTENANCE ACTIVITIES PER THE PLANT OPERATING
PROCEDURES WHICH IS PER DOE ORDER 4330.4A MAINTENANCE MANAGEMENT PROGRAM.

Milestone No.: Milestone Seq: 6660-00-0160 TPA MS NO.: NONE
Title: ISSUE ANNUAL REPORT ON SURVEIL & MAINT ACCOMPLISHMENTS FOR 1997
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
SUBMIT A REPORT TO DOE-RL THAT SUMMARIZES FY 1997 ACTIVITIES AND DESCRIBES FY 1998
ACTIVITIES.

Milestone No.: NONE Milestone Seq: 6660-00-0165 TPA MS NO.: NONE
Title: UPDATE 300 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0220 TPA MS NO.: NONE
Title: FY 1997 MONTHLY SMS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLPD 5000.1 SITE MGMT SYSTEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT (FISCAL
YEAR WORK PLAN) IS A DOE-RL MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE
CONSISTS OF DELIVERING A QUALITY SMS REPORT TO DOE-RL BY THE REQUIRED DATE.

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Milestone No.: Milestone Seq: 6660-00-0195 TPA MS NO.: NONE
Title: INITIATE SCHEDULE/PRIORITY FOR FY 1998 SURV. & MAINT. ACTIVITIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1997 10/01/1997 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DESCRIBED IN FY 1997 ANNUAL REPORT.

Milestone No.: NONE Milestone Seq: 6660-00-0300 TPA MS NO.: NONE
Title: FY 1998 MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/22/1997 10/22/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLID 5000.2 LONG RNG PLNG PROC
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE MYPP IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST
BASELINE FOR THE LIFE OF THE PROGRAM. LOGIC DIAGRAMS, BASIS AND ASSUMPTIONS AND
SCOPE STATEMENTS ARE ALSO DEVELOPED.

Milestone No.: NONE Milestone Seq: 6660-00-0370 TPA MS NO.: NONE
Title: 2000 FIVE-YEAR PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/01/1998 4/01/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105STAT1290/3135a
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE FIVE-YEAR PLAN IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE,
AND COST BASELINE BY ACTIVITY DATA SHEET FOR A FIVE YEAR PERIOD. COMPLETION OF THIS
MILESTONE CONSISTS OF DELIVERING A QUALITY PRODUCT.

Milestone No.: NONE Milestone Seq: 6660-00-0200 TPA MS NO.: NONE
Title: UPDATE HANFORD SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1998 4/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

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Milestone No.: NONE Milestone Seq: 6660-00-0230 TPA MS NO.: NONE

Title: UPDATE 600 AREA DEVELOPMENT PLAN

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/30/1998 6/30/1998 PTS: N SMS: N

Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0145 TPA MS NO.: NONE

Title: FY 1998 MONTHLY PTS REPORT

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: N

Driver Name: DOE Driver Reference: DOE-HQ; RLP 5000.8

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT, I.E.,
THE FISCAL YEAR WORK PLAN IS A MONTHLY DOE-HQ REQUIREMENT. COMPLETION OF THIS
MILESTONE CONSISTS OF DELIVERING A QUALITY PTS REPORT TO RL/DOE-HQ BY THE REQUIRED

Milestone No.: Milestone Seq: 6660-00-0205 TPA MS NO.: NONE

Title: COMPLETE SURVEILLANCE AND MAINTENANCE OF ALL FACILITIES SCHEDULED

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: Y

Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

COMPLETE ALL SURVEILLANCE AND MAINTENANCE ACTIVITIES PER THE PLANT OPERATING
PROCEDURES.

Milestone No.: NONE Milestone Seq: 6660-00-0225 TPA MS NO.: NONE

Title: FY 1998 MONTHLY SMS REPORT

Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: N

Driver Name: DOE Driver Reference: RLPD 5000.1 SITE MGMT SYSTEM

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT (FISCAL
YEAR WORK PLAN) IS A DOE-RL MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE
CONSISTS OF DELIVERING A QUALITY SMS REPORT TO DOE-RL BY THE REQUIRED DATE.

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Milestone No.: NONE Milestone Seq: 6660-00-0235 TPA MS NO.: NONE
Title: UPDATE 700/1100/3000 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0250 TPA MS NO.: NONE
Title: FY 1998 COMPLETE INFRASTRUCTURE REPAIR/SYSTEMS REPLACEMENT (CAIS)
Planning Date Target Date Decrement Date Level: CNTR Keyword: D
9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: 4320.2A CAMP/4330.4B MAINT MGT
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
CAIS-CONDITION ASSESSMENT INFORMATION SYSTEM. THIS SYSTEM WILL MAINTAIN THE RESULTS
OF THE CONDITION ASSESSMENT SURVEYS (CAS) WHICH ARE NOT PART OF THE CAPITAL ASSET
MANAGEMENT PROCESS (CAMP). REPAIRS/REPLACEMENTS ARE DONE ACCORDING TO CAS RESULTS.

Milestone No.: Milestone Seq: 6660-00-0255 TPA MS NO.: NONE
Title: INITIATE SCHEDULE/PRIORITY FOR FY 1999 SURV. & MAINT. ACTIVITIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1998 10/01/1998 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DESCRIBED IN FY 1998 ANNUAL REPORT.

Milestone No.: NONE Milestone Seq: 6660-00-0305 TPA MS NO.: NONE
Title: FY 1999 MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/22/1998 10/22/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLID 5000.2 LONG RNG PLNG PROC
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE MYPP IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST
BASELINE FOR THE LIFE OF THE PROGRAM. LOGIC DIAGRAMS, BASIS AND ASSUMPTIONS AND
SCOPE STATEMENTS ARE ALSO DEVELOPED.

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Milestone No.: NONE Milestone Seq: 6660-00-0210 TPA MS NO.: NONE
Title: UPDATE 100 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/31/1998 12/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0275 TPA MS NO.: NONE
Title: UPDATE 200 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/31/1998 12/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0375 TPA MS NO.: NONE
Title: 2001 FIVE-YEAR PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/01/1999 4/01/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105STAT1290/3135a
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE FIVE-YEAR PLAN IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE,
AND COST BASELINE BY ACTIVITY DATA SHEET FOR A FIVE YEAR PERIOD. COMPLETION OF THIS
MILESTONE CONSISTS OF DELIVERING A QUALITY PRODUCT.

Milestone No.: NONE Milestone Seq: 6660-00-0260 TPA MS NO.: NONE
Title: UPDATE HANFORD SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1999 4/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

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Milestone No.: NONE Milestone Seq: 6660-00-0285 TPA MS NO.: NONE
Title: UPDATE 400 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
6/30/1999 6/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0175 TPA MS NO.: NONE
Title: FY 1999 MONTHLY PTS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE-HQ; RLP 5000.8
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORMANCE MEASUREMENT AGAINST THE PROGRAMMATIC BASELINE DOCUMENT, I.E., THE FISCAL
YEAR WORK PLAN IS A MONTHLY DOE-HQ REQUIREMENT. COMPLETION OF THIS MILESTONE
CONSISTS OF DELIVERING A QUALITY PTS REPORT TO RL/DOE-HQ BY THE REQUIRED DATE.

Milestone No.: NONE Milestone Seq: 6660-00-0240 TPA MS NO.: NONE
Title: FY 1999 MONTHLY SMS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLPD 5000.1 SITE MGMT SYSTEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT (FISCAL
YEAR WORK PLAN) IS A DOE-RL MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE
CONSISTS OF DELIVERING A QUALITY SMS REPORT TO DOE-RL BY THE REQUIRED DATE.

Milestone No.: Milestone Seq: 6660-00-0265 TPA MS NO.: NONE
Title: COMPLETE SURVEILLANCE & MAINTENANCE OF ALL FACILITIES SCHEDULED
Planning Date Target Date Decrement Date Level: FO Keyword: 0
9/30/1999 9/30/1999 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: DOE 4330.1, SEE 6660-AB
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE ALL SURVEILLANCE AND MAINTENANCE ACTIVITIES PER THE PLANT OPERATING
PROCEDURES.

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Milestone No.: NONE Milestone Seq: 6660-00-0280 TPA MS NO.: NONE
Title: UPDATE 300 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0315 TPA MS NO.: NONE
Title: FY 2000 MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/22/1999 10/22/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLID 5000.2 LONG RNG PLNG PROC
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PUPOSE OF THE MYPP IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE, AND COST
BASELINE FOR THE LIFE OF THE PROGRAM. LOGIC DIAGRAMS, BASIS AND ASSUMPTIONS AND
SCOPE STATEMENTS ARE ALSO DEVELOPED.

Milestone No.: Milestone Seq: 6660-00-0090 TPA MS NO.: NONE
Title: UPDATE 100 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1999 12/31/1999 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE AREA DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION.
UPDATE AND ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0380 TPA MS NO.: NONE
Title: 2002 FIVE-YEAR PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/01/2000 4/01/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105STAT1290/3135a
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE FIVE-YEAR PLAN IS TO ESTABLISH THE PROGRAM'S TECHNICAL, SCHEDULE,
AND COST BASELINE BY ACTIVITY DATA SHEET FOR A FIVE YEAR PERIOD. COMPLETION OF THIS
MILESTONE CONSISTS OF DELIVERING A QUALITY PRODUCT.

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Milestone No.: NONE Milestone Seq: 6660-00-0310 TPA MS NO.: NONE
Title: UPDATE HANFORD SITE DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/2000 4/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0335 TPA MS NO.: NONE
Title: UPDATE 600 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/30/2000 6/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0180 TPA MS NO.: NONE
Title: FY 2000 MONTHLY PTS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE-HQ; RLP 5000.8
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT, I.E.,
THE FISCAL YEAR WORK PLAN IS A MONTHLY DOE-HQ REQUIREMENT. COMPLETION OF THIS
MILESTONE CONSISTS OF DELIVERING A QUALITY PTS REPORT TO RL/DOE-HQ BY THE REQUIRED

Milestone No.: NONE Milestone Seq: 6660-00-0245 TPA MS NO.: NONE
Title: FY 2000 MONTHLY SMS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLPD 5000.1 SITE MGMT SYSTEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORMANCE MEASUREMENT REPORTING AGAINST THE PROGRAMMATIC BASELINE DOCUMENT (FISCAL
YEAR WORK PLAN) IS A DOE-RL MONTHLY REQUIREMENT. COMPLETION OF THIS MILESTONE
CONSISTS OF DELIVERING A QUALITY SMS REPORT TO DOE-RL BY THE REQUIRED DATE.

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Milestone No.: NONE Milestone Seq: 6660-00-0340 TPA MS NO.: NONE
Title: UPDATE 700/1100/3000 AREA DEVELOPMENT PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4320.1B SITE DEV PLNG
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEVELOPMENT PLANS ARE REVIEWED AND REVISED BASED ON CURRENT INFORMATION. UPDATE AND
ISSUE TO RL.

Milestone No.: NONE Milestone Seq: 6660-00-0320 TPA MS NO.: NONE
Title: FY 2001 MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/22/2000 10/22/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: RLID 5000.2 LONG RNG PLNG PROC
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE PURPOSE OF THE MYPP IS TO ESTABLISHED THE PROGRAM'S TECHNICAL, SCHEDULE, AND
COST BASELINE FOR THE LIFE OF THE PROGRAM. LOGIC DIAGRAMS, BASIS AND ASSUMPTIONS
AND SCOPE STATEMENTS ARE ALSO DEVELOPED.

~~NARRATIVE~~

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Technical Scope Summary(Limit 15 line or less):

Activity Data Sheet (ADS), 'Program Integration,' consists of the core activities for the Landlord Program including Program Management, Capital Asset Management Process (CAMP), Site Planning, and National Environmental Policy Act (NEPA) Documentation. Funding is required for these Program Integration activities to ensure the site wide infrastructure is adequately managed. To safely fulfill the present and future mission requirements at the Hanford Site, a sound basic infrastructure to maintain essential services is necessary. Infrastructure is defined as 'the basic facilities, equipment, and installations needed in order for the systems/operations of the Hanford Site to properly function.' Support to the site wide infrastructure is the primary mandate of the Landlord Program and those core activities are represented herein.

Technical Scope Detail(Limit 104 lines or less):

*Program Management--Funding is required for Program Management to provide effective baseline establishment and control. Activities included within Program Management are Change Control, Program Office Administration, Project Management, and Document Review. (See Subactivity AA, Program

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Management, narrative for a detailed description of these activities.)

*Capital Asset Management Process (CAMP) -- Funding is required for CAMP to provide a continuous integrated process to consistently inspect, evaluate, manage, and report the condition of DOE wide capital assets. It produces a planning document to support, justify and prioritize budget and project requests. CAMP documents the history of a system or asset and forecasts future activities, including capital and expense funded projects. The planning basis is developed on the existing conditions of the asset and the future mission need for that asset and alternative options. Included in CAMP is the Condition Assessment Survey (CAS) which provides a consistent structured inspection of the assets and the Condition Assessment Inventory System (CAIS) which is the automated database that supports the whole CAMP process. CAS provides a determination of the current condition of assets, their estimated time of failure and the estimated cost to correct the identified deficiencies. CAIS is the database which supports the collection, evaluation, costing, prioritization, summarization and reporting of the condition assessment data.

*Site Planning -- Funding for Site Planning is required to maintain effective land use and infrastructure management practices on the Hanford Site. Included are Administration and Land Use Planning. Land Use Planning consists of Site and Area Development Planning and Site Selection, Infrastructure Planning, Prioritization and Management of Demolition and Upgrade Projects, and Automated Planning and Mapping Systems. Administration consists of work necessary to facilitate the Site Planning effort. This involves management and support activities, staff development plans, and cost account management. Land Use Planning includes Area Development Plans, the Hanford Site Development Plan, interface with local jurisdictions, and Site Selection. This ensures that physical structures and systems on the Site are placed and managed effectively and efficiently. The Hanford Site Development Plan is updated yearly and the Area Development Plans are updated every other year. Infrastructure Planning provides the strategy and life cycle plans for maintaining, upgrading and transitioning the physical infrastructure. This includes determining future demand, identifying potential provider options, outlining a recommended option, and creating a transition strategy and life cycle plan. This requires an initial study of each system and annual updates to further define issues and identify potential projects. Demolition and Upgrade Projects are identified through Infrastructure Planning and require definition, prioritization, and management of the individual projects. This requires close coordination with Project Management, Building Managers and the Program Office. Systems includes the development of an automated land use and infrastructure planning system, daily production of maps and drawings to support department activities. Coordination of the development of this system cuts across all infrastructure owner/operator organizations.

*National Environmental Policy Act (NEPA) Documentation -- Funding is required for Landlord Program activities to meet NEPA requirements for the

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Hanford Site General Purpose Facility (GPF) projects. State Environmental Policy Act (SEPA) requirements, consisting of checklists associated with permits, are also met. NEPA documents required are categorical exclusions (CX), action description memorandums (ADM), and environmental assessments (EA). Information bulletins (IB) are prepared by WHC and submitted to RL as a basis for approving CX's. The work also includes planning and developing strategy for meeting the requirements of NEPA and SEPA for the Landlord Program. Environmental impact statements (EIS) are not currently anticipated or funded within the Landlord Program.

Surplus Facilities Inventory Assessment (SFIA) addresses Grumbly Initiative 1 in that it identifies the potential risks that exist across the Hanford site and ranks the risk based on the threat it poses.

The Capital Asset Management Process (CAMP) addresses Grumbly Initiative 2 in that it provides a safe work place. The roof assessment program, which is not funded at the target level, ensures that roofs are safe for inspection access, and will prevent another roof related fatality. Included in CAMP is Condition Assessment Survey (CAS) which provides an inspection process to examine an asset and note physical defects, deterioration, code and safety violations, and other deficiencies. Site Planning also addresses this initiative in that it ensures failing infrastructure systems and buildings are either demolished, repaired, or replaced.

Program Management (PM) addresses Grumbly Initiative 3 in that it ensures managerial and financial control of the overall Landlord Program (LP). The PM staff provides analysis of financial data for the program manager to make well informed decisions on the use of LP funding. The program manager and the staff are in daily communication with the RL Field Office to keep them abreast of LP work scope accomplishments and issues.

Site Planning (SP), PM, and CAMP address Grumbly Initiative 4 by facilitating tangible, outcome-oriented results, such as land use planning, infrastructure planning, and development of automated planning systems; and activity management for Landlord funded activities. The intensive up-front planning efforts of SP and PM guide the development of out year budgets. CAMP produces a planning document to support, justify, and prioritize building-related budget requests.

PM, SP, and NEPA documentation address Grumbly Initiative 5 by getting stakeholders involved in planning, budgeting, and setting priorities through the Five-Year Plan, land use and infrastructure planning, and providing NEPA documentation for Landlord projects.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

Program Management--Several Class 1 baseline change requests have been prepared and subsequently approved by RL; Monthly performance reporting has occurred via PTS and SMS reports. The performance measurement baseline was in place as documented in the approved 1994 Fiscal Year Work Plan on

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October 1, 1993. This baseline document was subsequently amended (approved in January) to incorporate the revised work breakdown structure and other baseline revisions. Programmatic activity schedules have been developed and are being statused monthly. The Multi-Year Program Plan was issued on schedule and the 1996 Five-Year Plan is in the process of being prepared. Eighteen final design reviews were performed and approved for construction, vendor design review submittals were performed on two major line item projects, and four project specific quality assurance plans were developed.

CAMP--CAMP personnel received training on condition assessment survey (CAS). Rev. 1 of CAS software was installed and is fully operational. Video images are now being attached to CAS deficiencies. Phase I and II of Surplus Facilities Inventory Assessment has been completed. The capital asset catalog library has been organized and a standard format for the asset catalog was established. A model for Life Cycle Analysis plans was developed; and workscope, schedule and budget for the Roof Maintenance Program are being developed. The priority for facility inspections is identified in the inadequate facilities list. A CAS inspection matrix will be developed which will determine the frequency of facility, equipment, and system inspections.

Site Planning--In FY93 the first Hanford Site Development Plan since the Hanford mission change was developed. Area development plans for the 200, 300, 700, 1100 and 3000 Areas were completed. The Integrated 30 Year Office Space Plan was completed. Coordination and tracking of 158 site selection was performed. Mission impacts on land use and infrastructure requirements have been assessed and infrastructure requirements to support the Hanford mission have been defined. Direction for demolition, repairs, upgrades, or replacement on general purpose facilities has been provided. Development, maintenance, and operation of automated support systems (auto-CAD maps and drawings) has been provided. Assistance to DOE-RL as liaison with local governmental jurisdictions has been provided. In FY94 draft report, Volume 1, Infrastructure Transition Initiative was completed. The final draft of the FY 1994 Hanford Site Development Plan was completed and 83 site selections have been done.

NEPA Documentation--a draft environmental assessment (EA) and finding of no significant impact (FONSI) for the '300 Area Process Sewer Piping System Upgrade' project was completed. A draft environmental assessment for 'Primary Highway Route - North of the Wye Barricade' project was completed.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343K. These adjustments may require a FY 1995 budget amendment.

*Program Management--The programmatic baseline will be established in the
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required planning documents, including the 1996 Multi-Year Program Plan, the 1997 Five-Year Plan, and the 1996 Fiscal Year Work Plan. Changes to the FYWP will be documented through formal change control. Performance measurement against the baseline will be accomplished through the use of schedule status and the formal Progress Tracking System and Site Management System reporting mechanisms. Project Management in the form of oversight, estimating, financial control, and quality assurance will continue as will document review.

*CAMP--The CAMP and the CAMP report will be expanded from a systems development scope to a limited implementation for a specific list of Landlord Program functional units.

*Site Planning--ensure that Site Development Planning for the Hanford Site continues. Continue efforts on defining land responsibilities and ensure cooperation and coordination with stakeholders.

*NEPA Documentation--will be prepared and submitted to DOE-HQ for approval for FY 1997 and 1998 line items and FY 1995 GPPs.

Planning Year (FY 1996) Description(Limit 156 lines or less):

*At the decrement level of funding, Program Management can perform the core functions of change control, current year planning and reporting, program office administration, outyear planning, project management, and document review. However, the work scope associated with four project control analysts and one scheduler remains funded through indirect sources and project administrative services is not funded whatsoever. A structured CAMP/CAS program can be in place to identify and address a limited amount of building related problems and provide a means to help prevent the systems and assets from deteriorating. Imminent safety hazards can be identified. However, no funding is provided for Pacific Northwest Laboratories, Battelle CAMP, the roof assessment program, or maintenance of site catalogs. Also, less than 50 percent of Site Planning activities are direct funded. Activities associated with maintaining safe land use and infrastructure conditions on the site, life cycle planning for old and deteriorating infrastructure systems, follow through on Infrastructure Transition Initiative strategies, and coordination of demolition and upgrade activities (all clearly Landlord Program activities) can only be accomplished with heavy reliance on indirect funding. NEPA requirements for Hanford Site general purpose facilities projects can be accomplished.

*At the target level of funding, in addition to the decrement activities, Program Management can perform the core functions as stated at the decrement level. However, the work scope associated with four project control analysts and one scheduler remains funded through indirect sources and project administrative services is not funded. Surveillance and maintenance of unoccupied non-radiological facilities can be accomplished. Development and maintenance of site catalogs can occur. A limited amount of condition assessment survey (CAS) information can be evaluated and constructively summarized for incorporation into the life cycle plans. However, the roof assessment program cannot be funded at the target level. Also, less than 50 percent of Site Planning activities are direct funded.

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Activities associated with maintaining safe land use and infrastructure conditions on the site, life cycle planning for old and deteriorating infrastructure systems, follow through on Infrastructure Transition Initiative strategies, and coordination of demolition and upgrade activities can only be accomplished with heavy reliance on indirect funding. NEPA requirements for Hanford Site general purpose facilities projects can be accomplished.

*At the planning level of funding, in addition to the target activities, work scope associated with four project control analysts and an additional scheduler can be funded directly and project administrative services can be funded. The CAMP roof assessment program to examine the roof structure to determine safe access can be accomplished. Surveillance and maintenance of non-radiological facilities can be fully supported. 100 percent of Site Planning activities can be direct funded, life cycle planning can occur for all infrastructure systems, and Modules I and II of the land use and infrastructure planning system can be developed.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

*Program Management--The preparation of programmatic baseline documents continues the same development pattern each year. Change control will be done to document changes to the established baseline. Monthly performance reporting and schedule status will continue. Project Management, including quality assurance, and document review will also continue. Also, the work scope associated with four project control analysts, one scheduler, and project administrative services can be direct funded. See technical workscope description for more detail. These activities will be continued with fiscal escalation factors applied in FY 1998 through 2000.

*CAMP--A structured CAMP/CAS program can be in place to identify and address a limited amount of building related problems and provide a means to help prevent the systems and assets from deteriorating. Imminent safety hazards can be identified. CAMP for Pacific Northwest Laboratories, Battelle and surveillance and maintenance of unoccupied non-radiological facilities can be accomplished. A limited amount of condition assessment survey (CAS) information can be evaluated and constructively summarized for incorporation into the life cycle plans. However, the roof assessment program and maintenance of site catalogs is not funded.

*Site Planning--Site development planning for the Hanford Site can continue with heavy reliance on indirect funding sources. In FY97 less than 50 percent of the activities discussed in the Site Planning technical scope description are funded through the Landlord Program. Beginning in FY 1998 Site Planning activities are 100 percent funded through the Landlord Program and are continued with fiscal escalation factors applied.

*NEPA documentation will be prepared and submitted to DOE-HQ for approval for FY 1999 through 2003 line items and FY 1997 through 2000 General Plant

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Projects.

Impacts/Assumptions(Limit 42 lines or less):

*Program Management--A formalized process of tracking changes to the programmatic baseline, documented using company change control procedures, will be a requirement. Monthly reporting of programmatic progress will continue to be a requirement and integration of the SMS and PTS will have not occurred by 1996. Landlord Program will continue to exist as a separate program within the company. The Five-Year Plan will continue to be a DOE-HQ requirement and the Multi-Year Program Plan will continue to be used as a prerequisite to the Five-Year Plan activity data sheets. Document review will continue to be used to provide a service to the Landlord Program to control project documentation.

*CAMP will focus on evaluation of Landlord Infrastructure systems. Surplus Facilities Inventory and Assessment (SFIA) Program currently being performed per Secretary O'Leary will be incorporated into CAMP. This not include the additional work scope and resources that will be required to administer the Operations Office CAIS if DOE-RL requests the M&O contractor perform this function. SFIA database will be incorporated and maintained for the DOE-HQ project, per the direction of EM-60. SFIA will continue to work with CAS inspectors to fill in missing and incomplete information as assets are being inspected under the CAS activity. DOE-HQ will develop and provide the software required to interface with CAIS. The SFIA database will be used as a site database for asset information being used for EM-60 programs until the CAIS database is mature enough to continue the program. A CAS team made up of an Electrical, Mechanical and Architectural inspector can inspect between 400,000 and 1,000,000 sq.ft. of capital asset per year. These activities will be continued with fiscal escalation factors applied.

*Site Planning--Administrative requirements are identified, scheduled, and reviewed annually by WHC management and the DOE-RL monitor. Site Planning's functions and activities are completely funded by Landlord beginning in FY 1996.

*NEPA--General Purpose Facility projects will continue at the same level and NEPA documentation will be required for new activities. No major systems acquisitions or major projects requiring an EIS will occur for the Landlord Program. It is assumed that there will be about 5 general plant projects and 12 small projects per year that require IB/CX's, and 2 line items per year requiring ADM's and EA's.

Supporting Documents(Limit 5 lines or less):

Defense Authorization Act (105 STAT 1290 Section 3135(a)); RLIP 5000.2; DOE 4700.1; DOE 5700.6C, DOE-RLIP 4700.1A; DOE 6430.1A; DOE 4320.2; DOE 4330.4A; OSHA 29 CFR, Memorandum from Secretary O'Leary, 42 U.S.C. 4231 (NEPA); DOE 4320.1B; DOE 4320.2C.

Performance Measures(Limit 15 lines or less):

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Provide adequate levels of Landlord support to meet program missions.

- (a) Reduce safety violations by 10%.
- (b) Reduce non-compliance items by 10%.
- (c) Conduct surveys to determine user satisfaction.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE Orders 4700.1, Project Management System; 5700.6C, Quality Assurance, 6430.1A, General Design Criteria; 4320.2, Capital Asset Management; 4330.4B, Maintenance Management Program; 4320.1B, Site Development Planning; 5480.19, Conduct of Operations Reqt

FED:

Defense Authorization Act (105 STAT 1290 Section 3135a) drives the Five-Year Plan

NEPA_R:

Memorandum from Secretary O'Leary, 42 U.S.C. 4231 (NEPA) establishes national environmental policy and goals for the protection, maintenance, and enhancement of the environment & provides a process for implementing these goals

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

OSHA:

OSHA 29 CFR, Part 1910.141 (c)(1)(1) supports surveillance and maintenance and identification of deficiencies found in buildings upon Condition Assessment Survey

OTHER1:

Type A Accident Investigation Board Report, 6/7/93, U-3 Steam Pit Valve failure resulting in a fatality at the DOE Hanford Site (dtd. 8/93).

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Operations Office: RL ID No.: 6665- 0 Revision Date: 4/21/1994
ADS Title: EXPENSE FUNDED PROJECTS
WBS No.: 1.6.8.2.5.2 Category: FT Appr.:
Project Title: RL LANDLORD EXPENSE FUND Facility/WAG: NONE
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: N/A TPC: 0 TEC: 0
Contig: 0
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 0 2. 0 3. 0

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: Y ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	3,123	3,070		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	1,090	4,188	21,815	21,815
TOTAL	3,123	3,070		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	1,090	4,188	21,815	21,815

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	1,090
CE	0
GPP	0
LI	0
TOTAL	1,090

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	4,188	7,125	32,988	41,329	43,395
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	4,188	7,125	32,988	41,329	43,395

FTEs	FY94	FY95
Direct	1	18
Indirect	1	13
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	21	46	272	272	272
Indirect	16	34	201	202	202
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	21,815	35,302	45,791	46,962	47,957
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	21,815	35,302	45,791	46,962	47,957

FTEs	FY94	FY95
Direct	1	18
Indirect	1	13
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	80	175	272	272	272
Indirect	59	130	201	202	202
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: GENERAL PURPOSE FACILITIES ROOF								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7030000	609	2,744		E	1,605	3,513	3,513	3,513
35EW70300	0	0		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	609	2,744		TOTAL	1,605	3,513	3,513	3,513

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	1,605
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	1,605

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	3,513	5,635	3,819	3,932	3,497
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	3,513	5,635	3,819	3,932	3,497

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	3,513	5,635	3,819	3,932	3,497
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	3,513	5,635	3,819	3,932	3,497

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Budget Detail Profile

				FY96 DRIVER CATEGORY			
DESC: LANDLORD				DECREMENT	TARGET	PLAN	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AB							
TITLE: GENERAL PURPOSE FACILITIES REPAIR							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
				E	1,647	1,625	13,493
EW7030000	1,717	1,557		F	0	0	0
35EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
39EW70300	0	0		I	0	0	0
TOTAL	1,717	1,557		TOTAL	1,647	1,625	13,493

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	1,647
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	1,647

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,625	4,827	35,830	37,347	38,823
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,625	4,827	35,830	37,347	38,823

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	13,493	23,973	35,830	37,347	38,823
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	13,493	23,973	35,830	37,347	38,823

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: DEMOLITION									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	477	1,291			E	1,121	1,121	1,121	1,121
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	477	1,291			TOTAL	1,121	1,121	1,121	1,121

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	1,121
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	1,121

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,121	2,575	2,911	3,066	3,140
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,121	2,575	2,911	3,066	3,140

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,121	2,575	2,911	3,066	3,140
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,121	2,575	2,911	3,066	3,140

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: NATIONAL ELECTRIC CODE									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	320	654			E	750	750	750	750
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	320	654			TOTAL	750	750	750	750

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	750
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	750

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	750	800	854	180	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	750	800	854	180	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	750	800	854	180	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	750	800	854	180	0

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC:		PROGRAM: EM		SUBACT: AE		DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SAFETY ANALYSIS REPORTS									
APPROP: D									
						A	0	0	0
						B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR			C	0	0	0
						D	0	0	0
EW7030000	0	982			E	0	1,921	2,939	2,939
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
						I	0	0	0
TOTAL	0	982			TOTAL	0	1,921	2,939	2,939

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,921	2,319	2,378	2,437	3,518
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,921	2,319	2,378	2,437	3,518

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	2,939	2,319	2,378	2,437	2,498
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	2,939	2,319	2,378	2,437	2,498

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: PC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PRODUCTIVITY COMMITMENT							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW7030000	0	-4,157		E	-4,032	-4,741	0
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	0	-4,157		TOTAL	-4,032	-4,741	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	-4,032
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	-4,032

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	-4,741	-9,031	-12,803	-5,633	-5,582
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	-4,741	-9,031	-12,803	-5,633	-5,582

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number: OA.7-5

Date:

Title: SAR's for PNL Facilities Are Outdated

Tiger Team Finding Number: OA.7-4

Date:

Title: SAR's for PNL Facilities Are Outdated

FY95-99 ADS Cross References

ADS #: RL 6670 0

Title: GENERAL ADMIN SUPPORT/BUILDINGS

Transferred in its entirety: N

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

ADS #: RL 6685 0

Title: LABORATORY SUPPORT

Transferred in its entirety: Y

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE

Milestone Seq: 6665-00-0030

TPA MS NO.: NONE

Title: COMPLETE DEMOLITION OF LAUNDRY FACILITIES

Planning Date

Target Date

Decrement Date

Level: CNTR

Keyword: O

9/30/1994

9/30/1994

PTS: N

SMS: Y

Driver Name: OSHA

Driver Reference: OSHA, 29 CFR 1926.5A

PRESENT IN

Tiger Team: N

Program Execution Guidance: N

Roadmap: N

Current Year Workplan: Y

Safety and Health: Y

Description:

COMPLETE DEMOLITION OF LAUNDRY FACILITIES AS WELL AT THE 3701-T BUILDING.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6665-00-0035 TPA MS NO.: NONE
Title: COMPLETE INFRASTRUCTURE REPAIR/SYSTEM REPLACEMENT PER IFAD PROG.
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: N SMS: Y

Driver Name: DOE Driver Reference: DOE 4330.4A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

IFAD=INADEQUATE FACILITIES ASSESSMENT AND DISPOSITION. THE IFAD PROGRAM IDENTIFIES DEFICIENCIES AND DETERMINES WHICH REPAIRS AND REPLACEMENTS NEED TO BE DONE. IN FY 1994 PARTIAL IMPLEMENTATION OF REPLACEMENT PROGRAM: CONDITION ASSESSMENT SURVEY

Milestone No.: Milestone Seq: 6665-00-0090 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION FOR 2101M ROOF REPLACEMENT
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

NONE.

Milestone No.: NONE Milestone Seq: 6665-00-0105 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF THE 1227 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/28/1995 4/28/1995 4/28/1995 PTS: N SMS: N

Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

COMPLETE DEMOLITION OF THE 1227 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0095 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF 1250 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
7/31/1995 7/31/1995 7/31/1995 PTS: N SMS: N

Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

COMPLETE DEMOLITION OF 1250 BUILDING.

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Milestone No.: NONE Milestone Seq: 6665-00-0100 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF THE 1226 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
8/31/1995 8/31/1995 8/31/1995 PTS: N SMS: N
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE DEMOLITION OF THE 1226 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0005 TPA MS NO.: NONE
Title: CODE CORRECTION WORK IN THE 324 AND 325 BUILDINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA 29 CFR 1910
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE REMAINDER (50%) OF CODE CORRECTION WORK IN THE 324 BUILDING PLUS 20% OF WORK
IN THE 325 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0040 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF 1250, 1226, AND 1227 FACILITIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
IFAD=INADEQUATE FACILITIES ASSESSMENT AND DISPOSITION PROGRAM. THE IFAD PROGRAM
IDENTIFIES DEFICIENCIES AND DETERMINES WHICH BUILDINGS SHOULD BE DEMOLISHED.

Milestone No.: NONE Milestone Seq: 6665-00-0045 TPA MS NO.: NONE
Title: COMPLETE INFRASTRUCTURE REPAIR/SYSTEM REPLACEMENT PER IFAD PROG.
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4330.4A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
IFAD=INADEQUATE FACILITIES ASSESSMENT AND DISPOSITION PROGRAM. THE IFAD PROGRAM
IDENTIFIES DEFICIENCIES AND DETERMINES WHICH REPAIRS AND REPLACEMENTS NEED TO BE
DONE. IFAD WILL BE REPLACED WITH CONDITION ASSESSMENT SURVEY (CAS) AS PART OF CAMP.

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Milestone No.: NONE Milestone Seq: 6665-00-0085 TPA MS NO.: NONE
Title: PREPARE RENEWED SAFETY BASIS FOR 324 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480.23
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PREPARE RENEWED SAFETY BASIS FOR 324 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0115 TPA MS NO.: NONE
Title: PREPARE RENEWED SAFETY BASIS FOR 325 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1996 4/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480.23
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PREPARE RENEWED SAFETY BASIS FOR 325 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0120 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF THE 1252 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1996 4/30/1996 4/30/1996 PTS: N SMS: N
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE DEMOLITION OF THE 1252 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0125 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF THE 1154 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/30/1996 6/30/1996 6/30/1996 PTS: N SMS: N
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE DEMOLITION OF THE 1154 BUILDING.

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Milestone No.: NONE Milestone Seq: 6665-00-0010 TPA MS NO.: NONE
Title: COMPLETE 63% OF NEC CORRECTION WORK IN THE 325 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA 29 CFR 1910
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE THE NEXT (60%) OF NEC CORRECTION WORK IN THE 325 BUILDING BRINGING 325 BUILDING TO 80% COMPLETE.

Milestone No.: NONE Milestone Seq: 6665-00-0050 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF FACILITIES IDENTIFIED BY THE IFAD PROGRAM
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INADEQUATE FACILITIES ASSESSMENT AND DISPOSITION (IFAD). THE IFAD PROGRAM IDENTIFIES DEFICIENCIES AND DETERMINES WHICH BUILDINGS SHOULD BE DEMOLISHED.

Milestone No.: NONE Milestone Seq: 6665-00-0055 TPA MS NO.: NONE
Title: FY 1996 COMPLETE INFRASTRUCTURE REPAIR/SYSTEMS REPLACEMENT (CAIS)
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4330.4A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
CAIS=CONDITION ASSESSMENT INFORMATION SYSTEM. THIS SYSTEM IS DESIGNED TO MAINTAIN THE RESULTS OF CONDITION ASSESSMENT SURVEYS (CAS) AS PART OF THE CAPITAL ASSET MANAGEMENT PROCESS (CAMP). REPAIR/REPLACEMENT WILL BE DONE ACCORDING TO CAS RESULTS.

Milestone No.: NONE Milestone Seq: 6665-00-0130 TPA MS NO.: NONE
Title: COMPLETE RENEWED SAFETY BASIS FOR 327 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/31/1996 12/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480.23
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE RENEWED SAFETY BASIS FOR 327 BUILDING.

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Milestone No.: NONE Milestone Seq: 6665-00-0015 TPA MS NO.: NONE
Title: NEC CORRECTION WORK IN THE 325 AND 327 BUILDINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1910
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE REMAINDER (20%) OF NEC CORRECTION WORK IN THE 325 BUILDING PLUS (80%) OF THE 327 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0060 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF FACILITIES IDENTIFIED BY THE IFAD PROGRAM
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INADEQUATE FACILITIES ASSESSMENT AND DISPOSITION (IFAD) PROGRAM IDENTIFIES DEFICIENCIES AND DETERMINES WHICH BUILDINGS SHOULD BE DEMOLISHED.

Milestone No.: NONE Milestone Seq: 6665-00-0065 TPA MS NO.: NONE
Title: FY 1997 COMPLETE INFRASTRUCTURE REPAIR/SYSTEMS REPLACEMENT (CAIS)
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4330.4A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
CAIS=CONDITION ASSESSMENT INFORMATION SYSTEM. THIS SYSTEM IS USED TO MAINTAIN THE RESULTS OF CONDITION ASSESSMENT SURVEYS (CAS) WHICH IS PART OF THE CAPITAL ASSET MANAGEMENT PROCESS (CAMP). REPAIRS/REPLACEMENTS ARE DONE ACCORDING TO CAS RESULTS.

Milestone No.: NONE Milestone Seq: 6665-00-0135 TPA MS NO.: NONE
Title: COMPLETE DRAFT SAR FOR 324 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 1/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480.23
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE DRAFT SAR FOR 324 BUILDING.

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Milestone No.: NONE Milestone Seq: 6665-00-0020 TPA MS NO.: NONE
Title: NEC CORRECTION WORK IN THE 327, 318, 305B, 3760 AND 3730 BLDGS.
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1998 9/30/1998 9/30/1998 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1910
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE REMAINDER (20%) OF NEC CORRECTION WORK IN THE 327 BUILDING PLUS WORK IN
318, 305B, 3760 AND 50% OF THE 3730 BUILDING.

Milestone No.: NONE Milestone Seq: 6665-00-0070 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF FACILITIES IDENTIFIED BY THE IFAD PROGRAM
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INADEQUATE FACILITIES ASSESSMENT AND DISPOSITION (IFAD). THE IFAD PROGRAM
IDENTIFIES DEFICIENCIES AND HELPS DETERMINE WHICH BUILDINGS SHOULD BE DEMOLISHED.

Milestone No.: NONE Milestone Seq: 6665-00-0140 TPA MS NO.: NONE
Title: UPDATE SAFETY DOCUMENTATION FOR 324, 325 AND 327 BUILDINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1999 4/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480.23
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
UPDATE SAFETY DOCUMENTATION FOR 324, 325 AND 327 BUILDINGS.

Milestone No.: NONE Milestone Seq: 6665-00-0025 TPA MS NO.: NONE
Title: COMPLETE NEC CORRECTION WORK IN 3730, 747A, 3718A, 3718B BLDGS.
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1910
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
COMPLETE REMAINING (50%) OF NEC CORRECTION WORK IN THE 3730 BUILDING PLUS 747A AND
3718A AND 3718B BUILDINGS.

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Milestone No.: NONE Milestone Seq: 6665-00-0075 TPA MS NO.: NONE
Title: COMPLETE DEMOLITION OF FACILITIES IDENTIFIED BY THE IFAD PROGRAM
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: OSHA, 29 CFR 1926.5A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
INADEQUATE FACILITIES ASSESSMENT AND DISPOSITION (IFAD). THE IFAD PROGRAM IDENTIFIES DEFICIENCIES AND HELPS DETERMINE WHICH BUILDINGS SHOULD BE DEMOLISHED.

Milestone No.: NONE Milestone Seq: 6665-00-0080 TPA MS NO.: NONE
Title: FY 1999 COMPLETE INFRASTRUCTURE REPAIR/SYSTEMS REPLACEMENT (CAIS)
Planning Date Target Date Decrement Date Level: CNTR Keyword: D
9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4330.4A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
CAIS-CONDITION ASSESSMENT INFORMATION SYSTEM. THIS SYSTEM WILL MAINTAIN THE RESULTS OF THE CONDITION ASSESSMENT SURVEYS (CAS) WHICH IS PART OF THE CAPITAL ASSET MANAGEMENT PROCESS (CAMP). REPAIRS/REPLACEMENT ARE DONE ACCORDING TO CAS RESULTS.

Milestone No.: NONE Milestone Seq: 6665-00-0145 TPA MS NO.: NONE
Title: COMPLETE DRAFT SAR FOR 325 BUILDING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
7/30/1997 4/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480/23
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE DRAFT SAR FOR 325 BUILDING.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 09:53:50

Technical Scope Summary(Limit 15 line or less):

This Activity Data Sheet (ADS) of the Hanford Landlord Program provides for expense related construction, demolition and maintenance to assure a viable infrastructure for the overall site mission of Waste Management and Environmental Restoration. Included in Expense Funded Projects is 1) General Purpose Facility (GPF) roof replacement and heating, ventilating and air conditioning (HVAC) replacement; 2) GPF maintenance and repair; 3)

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GPF demolition; 4) GPF National Electric Code (NEC) compliance upgrades and; 5) Safety Analysis Report preparation for Pacific Northwest Laboratory operated GPF's. Support of the Hanford Site infrastructure is the primary mission of the Hanford Landlord Program.

Technical Scope Detail(Limit 104 lines or less):

This ADS is in support of Grumbly Initiative #2 to, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety.'

Much of the Hanford Site's existing infrastructure has its roots in the Manhattan Project. Temporary railroads, utilities, roads and buildings were constructed. Over the years, lack of dedicated funding for maintenance and upgrades of the 'temporary' infrastructure system has resulted in significant deterioration. The Site mission is jeopardized, state and federal laws cannot be met, and employee and public health and safety is at risk. Missions and programs have changed significantly since the majority of the infrastructure was constructed. Projected waste management and environmental cleanup activities will result in increasing requirements for a sound infrastructure. This activity benefits the accomplishment of the site mission by assuring that utilities and support facilities are available with sufficient capacity when needed.

General Purpose Facilities (GPF) include utility plants providing water, steam, compressed air, sewerage and electricity; laboratories for multiprogram analytical and developmental work; shops for fabrication and equipment repair; warehouses; and offices. Subactivities of this ADS include:

(ADS 6665-AA) GPF Roof and HVAC Replacements: This project replaces failed roof and failed/inadequate HVAC systems on Hanford facilities. Roofs on buildings 20 or more years old generally require replacement because their useful life has been exceeded. Lack of past maintenance has led to leaking roofs that cause structural failure due to rot and corrosion. Older buildings are often heated by steam and cooled by swamp (evaporative) coolers. Where these systems have failed or are unable to perform for today's needs they are replaced. This project provides for a systematic process for identification, prioritization and construction of the roof and HVAC replacements.

(ADS 6665-AB) GPF Maintenance and Repair: This project conducts minor construction type upgrades and repairs, preventive maintenance, corrective maintenance, crane and rigging services, and custodial services for Hanford facilities. This work has been provided through assessments on programs and operations forming an occupancy pool. This project will replace the assessments and provide direct support to meet the objective of maintaining facilities for safety and operability.

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(ADS 6665-AC) Demolition: This project provides for demolition and disposal of unoccupied, deteriorated, non-radioactive general purpose facilities. As facilities are abandoned because of deterioration or the facilities mission is eliminated it is necessary to demolish them. The demolition requires that the facility be characterized as to its contents and current condition, engineering to determine the safe demolition, removal of hazardous materials such as asbestos and lead paint, disconnection of utilities, removal and disposal of the building materials, and restoring the site by grading or covering with gravel to prevent erosion.

(ADS 6665-AD) National Electric Code Compliance: This project corrects numerous deficiencies in the electrical systems of general purpose facilities. The work includes correcting electrical components that were installed or added to in nonconformance to safety standards, replacing deteriorated components, and providing upgrades where service is inadequate or unsafe. This project provides a systematic resolution to electrical problems in the 324, 325, 327, 318, 305B, 3760, 3730, 747A, 3718A and 3718B buildings.

(ADS 6665-AE) Safety Analysis Reports: This project will provide safety analysis documentation buildings including the 324, 325 and 327 laboratories. The documentation consists of new safety analysis reports which include updated accident analyses and risk assessments, and technical safety requirements for continued operations. Current safety documentation does not comply with Department of Energy Orders and the Tiger Team reviews found deficiencies in the safety basis documentation of the buildings. A phased action plan has been developed to correct the documentation. This plan, depending on funding availability, will start in FY 1995 and conclude in FY 1999.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

(ADS 6665-AA) GPF Roof and HVAC Replacements: In FY 94 the 3705 Photography Building, 3717 Warehouse Building and the 2101-M Warehouse Building will have their roofs replaced. This is a total of 178,591 square feet of roof area. Design work of the 384 Power House Building was initiated in FY 94 then put on hold due to reduced funding availability. It is anticipated that most deteriorated portions of the roof on the 325 Applied Chemistry Building will be replaced in FY 94, funding permitting. There are no HVAC replacement projects planned for FY 94.

(ADS 6665-AB) GPF Facilities Maintenance and Repair: In FY 94 the planned facility minor repairs and upgrades that are construction related were completed for the Westinghouse Hanford Company (ICF Kaiser Engineers Hanford) operated facilities. This is a portion of the total GPF Maintenance and Repair current work scope.

(ADS 6665-AC) Demolition: In FY 94 demolition of the 1212 Weld Shop and Office in the 3000 Area, the 2724-W Laundry Facility, the 2370-T Emergency

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Staging Area, and the 2715-E Storage Building was accomplished. This is a total of 37,486 square feet of building.

(ADS 6665-AD) National Electric Code Compliance: In FY 94 approximately 50% of the identified electrical deficiencies in the 324 Chemical Engineering Laboratory will be accomplished in FY 1994.

(ADS 6665-AE) Safety Analysis Documents: This project is not funded by this ADS in FY 1994.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343K. These adjustments may require a FY 1995 budget amendment.

(ADS 6665-AA) GPF Roof and HVAC Replacement: Planned work in FY 95 includes roof replacement for the 384 Power House Building, the 318 Radiological Sciences Laboratory and other smaller facilities. Total roof replacement is approximately 45,000 square feet. Also planned is the replacement of HVAC systems on two facilities.

(ADS 6665-AB) GPF Facility Maintenance and Repair: Planned work in FY 95 includes facility minor repairs and upgrades that are construction related for the Westinghouse Hanford Company (Kaiser Engineers Hanford) operated facilities. This is a portion of the total GPF Maintenance and Repair current work scope. There is no change in scope from FY 94.

(ADS 6665-AC) Demolition: Planned demolition work in FY 95 includes demolition of approximately 100,000 square feet of buildings in the 3000 Area. These include the 1250 Receiving Warehouse, the 1226 Equipment Repair Shop, the 1227 Storage and the 1252 Storage Warehouse. Detail planning and preparation for FY 96 demolition will be accomplished.

(ADS 6665-AD) NEC Compliance: In FY 95 it is planned to complete the code compliance work in the 324 building and approximately 29% of the work in the 325 Applied Chemistry Building.

(ADS 6665-AE) Safety Analysis Reports: In FY 95 the safety basis documentation for the 324 Building will be completed and submitted to DOE for approval.

Planning Year (FY 1996) Description(Limit 156 lines or less):

(ADS 6665-AA) GPF Roof and HVAC Replacement:

*Decrement Case; Planned work for FY 1996 includes replacing approximately 36,000 square feet of roof replacement and HVAC replacements in facilities. Major roof replacements includes the 283-W water filter plant and primary electrical substations 100B and 100D.

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*Target Case; Planned work for FY 96 includes approximately 70,000 square feet of roof replacement and HVAC system replacements in 3 buildings. Major roof replacements include the 284-E Powerhouse and the 283-W Water Filter Plant.

*Planning Case; The Planning Case is the same as the Target Case.

(ADS 6665-AB) GPF Facility Maintenance and Repairs: Planned work for FY 96 includes facility minor repairs and upgrades that are construction related for the Westinghouse Hanford Company (ICF Kaiser Hanford) and PNL operated facilities. Also included is the carpenter, painting and insulation services of the North Area of WHC and approximately 90% of the PNL facility corrective maintenance. This is a portion of the total GPF Maintenance and Repair current work scope. At the planning level, North Area of WHC building maintenance and PNL facility preventive/corrective maintenance and engineering would be accomplished.

*Planning Case; The Planning Case is the same as the Target Case.

(ADS 6665-AB) GPF Facility Maintenance and Repairs:

*Decrement Case; Planned work for FY 1996 includes facility minor repairs and upgrades that are construction related; carpenter, painting and insulation services for the facilities in the Northern part of the site; and approximately 90% of the corrective/preventative maintenance activity for Pacific Northwest Laboratory (PNL) operated general purpose facilities.

*Target Case; The workscope in the Target Case is the same as the Decrement Case.

*Planning Case; The workscope for the Planning Case includes the Target Case work plus the North facilities maintenance and the remainder of the PNL preventative/corrective maintenance.

(ADS 6665-AC) Demolition:

*Decrement Case; Planned work for FY 96 includes demolition of approximately 21 buildings (70,000 square feet of facilities). The remaining 3000 Area buildings will be removed except for 3 occupied office structures. The rest of the demolition will be concentrated in the 300 Area.

*Target Case; The Target Case is the same as the Decrement Case.

*Planning Case; The Planning Case is the same as the Decrement and Target Cases.

(ADS 6665-AD) NEC Compliance:

*Decrement Case; Planned work for FY 96 includes continuing the code

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compliance work in the 325 building completing approximately 63% of the total building work.

*Target Case; The Target Case is the same as the Decrement Case.

*Planning Case; The Planning Case is the same as the Decrement and Target Cases.

(ADS 6665-AE) Safety Analysis Reports:

*Decrement Case; This project is not funded in the Decrement Case.

*Target Case; Safety analysis documentation preparation will continue with emphasis on developing Safety Analysis Reports that comply with DOE 5480.23. Safety basis documentation for the 325 building will be completed.

*Planning Case; The workscope in the planning case includes completion of a draft SAR for the 324 building and issuing it to DOE for review.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

(ADS 6665-AA) GPF Roof and HVAC Replacement: Roof replacements will continue at approximately the same level throughout the planning level. HVAC system replacements are anticipated to be less.

(ADS 6665-AB) GPF Facilities Maintenance and Repairs: It is planned to add the WHC South maintenance to this project in FY 97 and the remainder of the currently pooled work during FY 98, 99 and 2000.

(ADS 6665-AC) Demolition: Demolition is planned to continue at approximately the same level throughout the planning level. In FY 97 emphasis will be placed on demolition in the 300 Area until completed then moving more into the 200 Areas.

(ADS 6665-AD) NEC Compliance: Electrical compliance work will continue at approximately the same level until completed in FY 99. The project scope may be expanded to additional buildings as deficiencies are identified.

(ADS 6665-AE) Safety Analysis Reports: The planned work includes completion of the updated Safety Analysis Reports and performing annual reviews of completed reports.

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

General Purpose Facility roofs and HVAC systems that are greater than 20 years old and are needed for the site mission will require replacement. Maintaining adequate funding is critical to avoid structural failures and

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performing emergency repairs. Evacuation of facilities due to deterioration will require capital expenditures for replacement.

General Purpose Facility maintenance and repair funding through this activity is required for reducing overhead costs to programs. If this is not accomplished the burden for maintenance and repair of facilities will continue to be carried by the affected programs.

General Purpose Facility demolition is required to remove buildings and structures so they no longer present a hazard to personnel, do not impede the cleanup of the site, and to make room for future development by DOE or others. If unused facilities are not demolished then they will continue to receive maintenance and upgrade in order to keep them in a safe and non-threatening condition.

It is assumed that in order to continue use of key facilities that they need to be brought into compliance with the National Electric Code. Personnel safety and facility loss cannot be assured without correcting the electrical deficiencies in the buildings.

Supporting Documents(Limit 5 lines or less):

DOE 4330.4A, 5480.4, 5480.7A, 5480.19, 5480.22, 5480.23 and 5480.28. Occupational Health and Safety Administration (OSHA) 29 CFR 1910.301 through .399 and 1926.58. Washington Administrative Code 296-62-077. Tiger Team Findings OA.7-4 and OA.7-5. See back-up documents for further details.

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE 4330.4A, Section 3.5.1; Section 3.6, "Implementation of Maintenance"; DOE 5480.4, "Environmental Protection, Safety & Health Protection Standards", Att 2, para 2.e.5.a.; DOE 5480.22, "Nuclear Safety Analysis Reports"

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued,

OSHA:

Code of Federal Regulations (CFR) Title 29, Occupational Safety and Health Administration, Labor, subpart S, parts 1910.301-1910.399. This code outlines elect safety requirements stated as "necessary for the practical safeguarding of employees..."

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Operations Office: RL ID No.: 6670- 0 Revision Date: 4/23/1994
ADS Title: CAPITAL EQUIPMENT NOT RELATED TO CONSTRUCTION
WBS No.: 1.6.8.2.5.3 Category: FT Appr.:
Project Title: RL LANDLORD CAPITAL EQUI Facility/WAG: NONE
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: N/A TPC: 0 TEC: 0
Contig: 0
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : Y FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	DECREMENT	FY96 DRIVER CATEGORY TARGET	PLAN	IMM RISK
OE	105	103	A	1,173	1,173	1,173	0
CE	6,045	13,912	B	0	0	0	0
GPP	0	0	C	0	0	0	0
LI	0	0	D	0	0	0	0
			E	2,356	2,356	2,356	2,265
TOTAL	6,150	14,015	F	0	0	0	0
			G	0	0	0	0
			H	0	0	0	0
			I	2,487	5,937	9,479	1,025
			TOTAL	6,017	9,466	13,008	3,290

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	106
CE	5,911
GPP	0
LI	0
TOTAL	6,017

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	106	109	112	115	119
CE	9,360	6,087	15,353	10,878	15,494
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	9,466	6,196	15,465	10,993	15,613

FTEs	FY94	FY95
Direct	0	1
Indirect	0	1
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	1	1	1	1
Indirect	1	1	1	1	1
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	106	109	112	115	119
CE	12,902	18,516	11,341	11,215	11,363
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	13,008	18,625	11,453	11,330	11,482

FTEs	FY94	FY95
Direct	0	1
Indirect	0	1
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	1	1	1	1
Indirect	1	1	1	1	1
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROJECT IDENTIFICATION & SCOPING							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW7030000	105	103		E	106	106	106
35EW70300	0	959		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
			I	-532	1	0	0
TOTAL	105	1,062		TOTAL	-426	106	106

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	106
35EW70300	-532
39EW70300	0
39EW70300	0
TOTAL	-426

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	106	109	112	115	119
35EW70300	1	-753	-1,997	-1,381	-2,004
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	106	-644	-1,885	-1,265	-1,885

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	106	109	112	115	119
35EW70300	0	0	-0	-1	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	106	109	112	115	119

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DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: AUTOMATED DATA PROCESSING (ADP)							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	673	673	673
				B	0	0	0
				C	0	0	0
				D	0	0	0
EW7030000	0	0		E	114	114	114
35EW70300	1,995	1,200		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
				I	1,585	1,585	3,572
TOTAL	1,995	1,200		TOTAL	2,372	2,372	4,359
							114

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	2,372
39EW70300	0
39EW70300	0
TOTAL	2,372

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	2,372	739	910	1,080	2,274
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	2,372	739	910	1,080	2,274

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	4,359	1,308	1,251	1,080	1,137
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	4,359	1,308	1,251	1,080	1,137

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: BUILDINGS									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	0	0			E	0	0	0	0
35EW70300	25	4,460			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	25	4,460							
					TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	1,137
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	1,137

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	569
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	569

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: BUSINESS EQUIPMENT									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	0	0			E	0	0	0	0
35EW70300	875	773			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	0	0	1,137	0
TOTAL	875	773			TOTAL	0	0	1,137	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	569	682	910	1,137
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	569	682	910	1,137

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	1,137	682	682	796	910
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,137	682	682	796	910

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DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ELECTRICAL									
APPROP: D									
						A	500	500	0
						B	0	0	0
B&R						C	0	0	0
						D	0	0	0
						E	0	0	0
EW7030000						F	0	0	0
35EW70300						G	0	0	0
39EW70300						H	0	0	0
39EW70300						I	25	25	25
TOTAL						TOTAL	525	525	25

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	525
39EW70300	0
39EW70300	0
TOTAL	525

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	525	569	569	114	569
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	525	569	569	114	569

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	525	569	569	57	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	525	569	569	57	0

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: FIRE									
APPROP: D									
						A			
						B			
B&R						C			
						D			
						E			
						F			
						G			
						H			
						I			
EW7030000							0	0	0
35EW70300							0	0	0
39EW70300							0	0	0
39EW70300							0	0	0
TOTAL							224	224	224
						TOTAL	224	224	224

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	224
39EW70300	0
39EW70300	0
TOTAL	224

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	224	256	1,057	40	569
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	224	256	1,057	40	569

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	224	779	1,057	40	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	224	779	1,057	40	0

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AG				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: LABORATORY SUPPORT								
APPROP: D								
			A	0	0	0	0	0
			B	0	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
			D	0	0	0	0	0
EW7030000	0	0		E	1,880	1,880	1,880	1,880
35EW70300	745	900		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	0	0		H	0	0	0	0
			I	150	225	225	150	150
TOTAL	745	900		TOTAL	2,030	2,105	2,105	2,030

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	2,030
39EW70300	0
39EW70300	0
TOTAL	2,030

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	2,105	600	750	800	900
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	2,105	600	750	800	900

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	2,105	700	750	800	850
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	2,105	700	750	800	850

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: MEDICAL SERVICES									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	0	0			E	77	77	77	0
35EW70300	230	645			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	502	502	502	442
TOTAL	230	645			TOTAL	579	579	579	442

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	579
39EW70300	0
39EW70300	0
TOTAL	579

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	579	910	625	614	739
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	579	910	625	614	739

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	579	1,035	625	614	705
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	579	1,035	625	614	705

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: AJ					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SHOPS								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7030000	0	0		E	43	43	43	29
35EW70300	80	68		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	0	0		H	0	0	0	0
				I	173	173	173	23
TOTAL	80	68		TOTAL	216	216	216	51

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	216
39EW70300	0
39EW70300	0
TOTAL	216

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	216	90	109	338	569
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	216	90	109	338	569

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	216	347	109	338	318
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	216	347	109	338	318

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AK						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: STEAM									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	0	0			E	0	0	0	0
35EW70300	100	677			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	100	677							
					TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	102	244	227	370
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	102	244	227	370

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	102	136	227	284
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	102	136	227	284

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC:		PROGRAM: EM SUBACT: AL		DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TELECOMMUNICATIONS							
APPROP: D							
				A	0	0	0
				B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW7030000	0	0		E	137	137	137
35EW70300	1,320	279		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
				I	142	142	0
TOTAL	1,320	279		TOTAL	279	279	137

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	279
39EW70300	0
39EW70300	0
TOTAL	279

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	279	455	1,552	3,377	4,599
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	279	455	1,552	3,377	4,599

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	279	1,478	1,549	2,672	2,467
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	279	1,478	1,549	2,672	2,467

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AM						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TRANSPORTATION									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	0	0			E	0	0	0	0
35EW70300	635	3,246			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	57	2,899	3,317	0
TOTAL	635	3,246			TOTAL	57	2,899	3,317	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	57
39EW70300	0
39EW70300	0
TOTAL	57

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	2,899	2,357	3,035	4,273	4,321
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	2,899	2,357	3,035	4,273	4,321

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	3,317	3,796	4,073	4,273	3,923
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	3,317	3,796	4,073	4,273	3,923

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY					
SUB-DESC:		PROGRAM: EM			SUBACT: AN		DECREMENT	TARGET	PLAN	IMM RISK
TITLE: WATER / SEWER										
APPROP: D										
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0	0		
				B	0	0	0	0		
				C	0	0	0	0		
				D	0	0	0	0		
EW7030000	0	0		E	0	0	0	0		
35EW70300	0	102		F	0	0	0	0		
39EW70300	0	0		G	0	0	0	0		
39EW70300	0	0		H	0	0	0	0		
				I	161	161	161	161		
TOTAL	0	102		TOTAL	161	161	161	161		

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	161
39EW70300	0
39EW70300	0
TOTAL	161

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	161	193	540	485	314
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	161	193	540	485	314

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	161	443	540	318	200
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	161	443	540	318	200

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AP				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: INFORMATION / BUSINESS SERVICES							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
EW7030000	0	0		E	0	0	0
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	7,277	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	7,277	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	7,277	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	7,277	0	0	0

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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6670 0

Title: GENERAL ADMIN SUPPORT/BUILDINGS

Transferred in its entirety: N

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

ADS #: RL 6682 0

Title: INFORMATION/BUSINESS SERVICES

Transferred in its entirety: Y

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE

Milestone Seq: 6670-00-0050

TPA MS NO.: NONE

Title: CONDUCT ANNUAL REVIEW BOARD MEETING

Planning Date

Target Date

Decrement Date

Level: CNTR

Keyword: 0

7/30/1994

7/30/1994

7/30/1994

PTS: N

SMS: N

Driver Name: N/A

Driver Reference: NONE

PRESENT IN

Tiger Team: N

Program Execution Guidance: N

Roadmap: N

Current Year Workplan: N

Safety and Health: N

Description:

PREPARE REVIEW PACKAGE AND CONDUCT MEETING FOR APPROVAL OF FISCAL YEAR +1 WORKSCOPE BY GENERAL PLANT EQUIPMENT REVIEW BOARD.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6670-00-0010 TPA MS NO.: NONE
Title: CONDUCT MONTHLY STATUS MEETINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1994 9/30/1994 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
CONDUCT MONTHLY STATUS MEETINGS FOR GENERAL PLANT EQUIPMENT WITH COST ACCOUNT MANAGERS.

Milestone No.: NONE Milestone Seq: 6670-00-0055 TPA MS NO.: NONE
Title: CONDUCT ANNUAL REVIEW BOARD MEETING
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
7/30/1995 7/30/1995 7/30/1995 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
PREPARE REVIEW PACKAGE AND CONDUCT MEETING FOR APPROVAL OF FISCAL YEAR +1 WORKSCOPE BY GENERAL PLANT EQUIPMENT REVIEW BOARD.

Milestone No.: NONE Milestone Seq: 6670-00-0015 TPA MS NO.: NONE
Title: CONDUCT MONTHLY STATUS MEETINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1995 9/30/1995 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
CONDUCT MONTHLY STATUS MEETINGS FOR GENERAL PLANT EQUIPMENT WITH COST ACCOUNT MANAGERS.

Milestone No.: NONE Milestone Seq: 6670-00-0110 TPA MS NO.: NONE
Title: ISSUE LIGHT AUTOMOTIVE PURCHASE REQUISITIONS
Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
11/01/1995 11/01/1995 11/01/1995 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
ISSUE LIGHT AUTOMOTIVE PURCHASE REQUISITIONS.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6670-00-0130 TPA MS NO.: NONE
Title: ISSUE ALL PURCHASE REQUISITIONS FOR HEAVY AUTOMOTIVE EQUIPMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
11/01/1995 11/01/1995 11/01/1995 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ISSUE ALL PURCHASE REQUISITIONS FOR HEAVY AUTOMOTIVE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0090 TPA MS NO.: NONE
Title: ISSUE ALL PURCHASE REQUISITIONS FOR HEAVY MOBILE
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
1/30/1996 1/30/1996 1/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ISSUE ALL PURCHASE REQUISITIONS FOR HEAVY MOBILE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0135 TPA MS NO.: NONE
Title: ISSUE ALL PURCHASE ORDERS FOR HEAVY AUTOMOTIVE EQUIPMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
3/30/1996 3/30/1996 3/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ISSUE ALL PURCHASE ORDERS FOR HEAVY AUTOMOTIVE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0095 TPA MS NO.: NONE
Title: ISSUE ALL PURCHASE ORDERS FOR HEAVY MOBILE
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
5/31/1996 5/31/1996 5/31/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ISSUE ALL PURCHASE ORDERS FOR HEAVY MOBILE EQUIPMENT.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6670-00-0115 TPA MS NO.: NONE
Title: ISSUE ALL PURCHASE ORDERS FOR LIGHT AUTOMOTIVE
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/30/1996 6/30/1996 6/30/1996 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
ISSUE ALL PURCHASE ORDERS FOR LIGHT AUTOMOTIVE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0060 TPA MS NO.: NONE
Title: CONDUCT ANNUAL REVIEW BOARD MEETING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
7/30/1996 7/30/1996 7/30/1996 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
PREPARE REVIEW PACKAGE AND CONDUCT MEETING FOR APPROVAL OF FISCAL YEAR +1 WORKSCOPE
BY GENERAL PLANT EQUIPMENT REVIEW BOARD.

Milestone No.: NONE Milestone Seq: 6670-00-0045 TPA MS NO.: NONE
Title: PROCUREMENT OF SMART GROUND IMPEDANCE METER
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
8/31/1996 8/31/1996 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
PREPARE PURCHASE REQUISITION (1/1/96), PURCHASE REQUISITION TO PROCUREMENT (1/1/96),
RECEIVE EQUIPMENT (8/31/96).

Milestone No.: NONE Milestone Seq: 6670-00-0005 TPA MS NO.: NONE
Title: PROCURE MOBILE OFFICE FACILITIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 PTS: N SMS: N

Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
PROCURE MOBILE OFFICE FACILITIES.

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Milestone No.: NONE Milestone Seq: 6670-00-0020 TPA MS NO.: NONE
Title: CONDUCT MONTHLY STATUS MEETINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONDUCT MONTHLY STATUS MEETINGS FOR GENERAL PLANT EQUIPMENT WITH COST ACCOUNT MANAGERS.

Milestone No.: NONE Milestone Seq: 6670-00-0085 TPA MS NO.: NONE
Title: PROCURE HEAVY MOBILE
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PROCURE HEAVY MOBILE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0100 TPA MS NO.: NONE
Title: RECEIVE ALL EQUIPMENT FOR HEAVY MOBILE
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
RECEIVE ALL EQUIPMENT FOR HEAVY MOBILE.

Milestone No.: NONE Milestone Seq: 6670-00-0105 TPA MS NO.: NONE
Title: PROCURE LIGHT AUTOMOTIVE EQUIPMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PROCURE LIGHT AUTOMOTIVE EQUIPMENT.

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Milestone No.: NONE Milestone Seq: 6670-00-0120 TPA MS NO.: NONE
Title: RECEIVE ALL LIGHT AUTOMOTIVE EQUIPMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
RECEIVE ALL LIGHT AUTOMOTIVE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0125 TPA MS NO.: NONE
Title: PROCURE HEAVY AUTOMOTIVE EQUIPMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PROCURE HEAVY AUTOMOTIVE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0140 TPA MS NO.: NONE
Title: RECEIVE ALL HEAVY AUTOMOTIVE EQUIPMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
RECEIVE ALL HEAVY AUTOMOTIVE EQUIPMENT.

Milestone No.: NONE Milestone Seq: 6670-00-0065 TPA MS NO.: NONE
Title: CONDUCT ANNUAL REVIEW BOARD MEETING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
7/30/1997 7/30/1997 7/30/1997 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PREPARE REVIEW PACKAGE AND CONDUCT MEETING FOR APPROVAL OF FISCAL YEAR +1 WORKSCOPE
BY GENERAL PLANT EQUIPMENT REVIEW BOARD.

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Milestone No.: NONE Milestone Seq: 6670-00-0025 TPA MS NO.: NONE
Title: CONDUCT MONTHLY STATUS MEETINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONDUCT MONTHLY STATUS MEETINGS FOR GENERAL PLANT EQUIPMENT WITH COST ACCOUNT MANAGERS.

Milestone No.: NONE Milestone Seq: 6670-00-0070 TPA MS NO.: NONE
Title: CONDUCT ANNUAL REVIEW BOARD MEETING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
7/30/1998 7/30/1998 7/30/1998 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PREPARE REVIEW PACKAGE AND CONDUCT MEETING FOR APPROVAL OF FISCAL YEAR +1 WORKSCOPE BY GENERAL PLANT EQUIPMENT REVIEW BOARD.

Milestone No.: NONE Milestone Seq: 6670-00-0030 TPA MS NO.: NONE
Title: CONDUCT MONTHLY STATUS MEETINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONDUCT MONTHLY STATUS MEETINGS FOR GENERAL PLANT EQUIPMENT WITH COST ACCOUNT MANAGERS.

Milestone No.: NONE Milestone Seq: 6670-00-0075 TPA MS NO.: NONE
Title: CONDUCT ANNUAL REVIEW BOARD MEETING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
7/30/1999 7/30/1999 7/30/1999 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PREPARE REVIEW PACKAGE AND CONDUCT MEETING FOR APPROVAL OF FISCAL YEAR +1 WORKSCOPE BY GENERAL PLANT EQUIPMENT REVIEW BOARD.

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Milestone No.: NONE Milestone Seq: 6670-00-0035 TPA MS NO.: NONE
Title: CONDUCT MONTHLY STATUS MEETINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONDUCT MONTHLY STATUS MEETINGS FOR GENERAL PLANT EQUIPMENT WITH COST ACCOUNT MANAGERS.

Milestone No.: NONE Milestone Seq: 6670-00-0080 TPA MS NO.: NONE
Title: CONDUCT ANNUAL REVIEW BOARD MEETING
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
7/30/2000 7/30/2000 7/30/2000 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PREPARE REVIEW PACKAGE AND CONDUCT MEETING FOR APPROVAL OF FISCAL YEAR +1 WORKSCOPE BY GENERAL PLANT EQUIPMENT REVIEW BOARD.

Milestone No.: NONE Milestone Seq: 6670-00-0040 TPA MS NO.: NONE
Title: CONDUCT MONTHLY STATUS MEETINGS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONDUCT MONTHLY STATUS MEETINGS FOR GENERAL PLANT EQUIPMENT WITH COST ACCOUNT MANAGERS.

— NARRATIVE —

LAST UPDATE: 04-23-1994 TIME: 14:41:50

Technical Scope Summary(Limit 15 line or less):

General Plant Equipment requirements are replacements of existing equipment which supports the infrastructure of the Hanford Site. Equipment replacements are required to maintain safe facility operations and support ongoing activities at the Hanford Site.

As the site increases in age, we are finding that the infrastructure is

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decaying at a faster rate than available funding will support. Areas that are in greatest need of replacements include water/sewer, electrical, 300 Area steam, fabrication shops, transportation and business services. Also, with the increased growth in the site mission at Hanford, the infrastructure must expand to support this growth especially in the telecommunications, ADP and support services area.

Technical Scope Detail(Limit 104 lines or less):

This ADS is consistent with Grumbly Initiative #2 to, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety.'

(ADS 6670-AA) Provides Landlord Program support for monitoring, reporting and controlling ongoing workscope as it relates to General Plant Equipment.

(ADS 6670-AB) Automated Data Processing - Includes upgrades/peripherals and replacements for the Large Scale Information System (LSIS), Distributed Computing Peripherals, Site Wide Order Entry Computer, Scientific Engineering Workstations, Computer Aided Design (CAD) Workstations, Personnel Security System, Emergency Management System and equipment to support the Digital Geographic Information System (GIS) Base Map Data Collection.

(ADS 6670-AC) Buildings - Includes buy out of leased mobile office facilities and Heating, Ventilation and Air Conditioning (HVAC) upgrades. Does not duplicate 6665-AA activities.

(ADS 6670-AD) Business Equipment - Provides replacement equipment for Document Records and Services and Multimedia Services functions (i.e., graphics, photo/audiovisual, editing, word processing, printing, duplicating, engineering reproduction, and mail services) in support of site user needs.

(ADS 6670-AE) Electrical - Includes electrical test equipment, Supervisory Control and Data Acquisition (SCADA) system replacements, and equipment to support the Digital GIS Base Map Collection as it relates to the electrical system.

(ADS 6670-AF) Fire - Includes equipment to support the Hanford Fire Department to provide fire suppression, emergency rescue, emergency medical services and hazardous materials responses.

(ADS 6670-AG) Laboratory Support - Includes equipment to support Pacific Northwest Laboratories (PNL) general purpose site support laboratories needed for the site environmental mission.

(ADS 6670-AH) Medical Equipment - Includes equipment to support Hanford

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Environmental Health Foundation's (HEHF) contract to provide comprehensive, integrated and multi-disciplinary occupation health services including industrial hygiene to Hanford site employees and employers.

(ADS 6670-AJ) Shops - Provides replacement equipment for site support services shops (i.e., lathes, do all hydraulic saws, dust collection systems).

(ADS 6670-AK) Steam - Provides replacements of equipment/upgrades to facilities in support of the 200 and 300 Area Powerhouses.

(ADS 6670-AL) Telecommunications - Provides communications replacement equipment required to maintain all systems and test equipment for the telecommunications shops. Includes upgrades to support the infrastructure of the telecommunication system.

(ADS 6670-AM) Transportation - Provides replacement of light automotive, heavy automotive, heavy mobile and construction equipment which will not be provided by General Services Administration.

(ADS 6670-AN) Water/Sewer - Provides replacement of equipment/upgrades to facilities to support the water/sewer system.

(ADS 6670-AP) Information/Business Services - Large Scale Information System (LSIS) technology upgrade will enhance the processing capabilities of the LSIS IBM compatible environment, to support the projected processing requirements of the Hanford Site administrative systems.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):
All FY 1994 General Plant Equipment is authorized in Cost Account Authorizations and planned to be costed/committed at yearend.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

Beginning in FY 1995, General and Administrative (G&A) adders of 13.7% are planned to be assessed to GPE activities. Included in this FY are additional funds for application of G&A for these activities. In addition, it includes projected funding to cover G&A adder for prior year activities which will not be completed by FY 1994 yearend.

(ADS 6670-AA) Provides Landlord Program support for monitoring, reporting and controlling ongoing workscope as it relates to General Plant Equipment.

(ADS 6670-AB) Automated Data Processing - Refer to Back Up Document (BUD)

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for detailed workscope.

- (ADS 6670-AC) Buildings - Refer to BUD for detailed workscope.
- (ADS 6670-AD) Business Equipment - Refer to BUD for detailed workscope.
- (ADS 6670-AE) Electrical - Refer to BUD for detailed workscope.
- (ADS 6670-AF) Fire - Refer to BUD for detailed workscope.
- (ADS 6670-AG) Laboratory Support - Refer to BUD for detailed workscope.
- (ADS 6670-AH) Medical Equipment - Refer to BUD for detailed workscope.
- (ADS 6670-AJ) Shops - Refer to BUD for detailed workscope.
- (ADS 6670-AK) Steam - Refer to BUD for detailed workscope.
- (ADS 6670-AL) Telecommunications - Refer to BUD for detailed workscope.
- (ADS 6670-AM) Transportation - Refer to BUD for detailed workscope.
- (ADS 6670-AN) Water/Sewer - Refer to BUD for detailed workscope.
- (ADS 6670-AP) Information/Business Services - There are no planned activities for FY 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Included in the planning and target cases are additional funds for application of G&A (13.7%). The decrement case does not include G&A.

(ADS 6670-AA) Landlord Program support for monitoring, reporting and controlling ongoing workscope as it relates to General Plant Equipment.

(ADS 6670-AB) Automated Data Processing - Planned projects in the Target Case include Geographic Information System-Phase II, Personnel Security Conditioners, LSIS peripherals replacements, and Distributed Computing peripheral replacements. Planned projects in the Planning Case include new Technology Data Storage, Graphics Demonstration Center and COM Fiche Technology. Refer to BUD for further description.

(ADS 6670-AC) Buildings - There are no planned activities for this FY.

(ADS 6670-AD) Business Equipment - Planned projects include equipment in support of Documentation and Records Management and Multimedia Services functions. Equipment is for the continuing development of the Information Services Electronic Archival (ISEARCH) and Business Services Electronic Archival (BSEARCH) systems in support of electronic transfer/retrieval/storage of information across the Hanford site.

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(ADS 6670-AE) Electrical - Equipment to support Digital Site GIS Base Map Data Collection as it relates the electrical power system. Replacement of the current ground grid test equipment. Refer to BUD for further description.

(ADS 6670-AF) Fire - Upgrade to the Computer Aided Dispatch (CAD) vehicle computers. Refer to BUD for further description.

(ADS 6670-AG) Laboratory Support - Planned projects include Whole Body Counters, replacement germanium detectors, and high speed multi-use library patron workstations. Refer to BUD for further description.

(ADS 6670-AH) Medical Services - Provides replacements for equipment which is obsolete and additional equipment to support establishment of the Occupational Primary Care (OPC) program in the 200 Areas. Equipment between the target and planning levels is needed to improve operations at HEHF and represents planning for expanded headcounts and new technologies. Refer to BUD for further description.

(ADS 6670-AJ) Shops - Provides replacements of equipment which is obsolete and where spare parts are no longer available. Refer to BUD for further description.

(ADS 6670-AK) Steam - There are no planned activities for this FY.

(ADS 6670-AL) Telecommunications - Communications replacement equipment required to maintain all systems and communications test equipment for the telecommunications maintenance shop. Refer to BUD for further description.

(ADS 6670-AM) Transportation - Replacement of light automotive, heavy automotive, heavy mobile and construction equipment which will not be provided by General Services Administration. Refer to BUD for further description.

(ADS 6670-AN) Water/Sewer - Modification/Upgrade of the existing monorail systems in the 182B and 182D Buildings. Refer to BUD further description.

(ADS 6670-AP) Information/Business Services - There are no planned activities for this FY.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

The Landlord Program will continue to support Automated Data Processing, Buildings, Business Equipment, Electrical, Fire, Laboratory Support, Medical Services, Shops, Steam, Telecommunications, Transportation, Water/Sewer and Information/Business Services ongoing activities.

The planning case for the outyears includes G&A (13.7%). The target case does not reflect additional funds for the application of G&A. It is

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anticipated that application of G&A to these FY's will be addressed in future ADS submittals.

Impacts/Assumptions(Limit 42 lines or less):

Beginning in FY 1995, G&A adder of 13.7% is planned to be assessed to GPE activities. Included in FY 1995 are additional funds for application of G&A for these activities. In addition, FY 1995 includes projected funding to cover G&A adder to prior year activities which will not be completed by FY 1994 yearend.

Included in the planning and target cases for FY 1996 are additional funds for application of G&A. The decrement case does not include G&A.

The planning case for the outyears includes funds for application of G&A. The target case does not reflect additional funds for the application of G&A. It is anticipated that application of G&A to these FY's will be addressed in future ADS submittals.

Equipment requirements are identified, scheduled and reviewed annually by the end users. Their identification of requirements is based upon maintenance reports, annual work plans, and General Services Administration (GSA) guidelines. Estimates are projected by historical cost of similar equipment and vendor quotes.

Supporting Documents(Limit 5 lines or less):

Tri-Party Agreement Milestone M-35,02, item d, 'Digital Site GIS Base Map Data Collection. Code of Federal Regulations (CFR) 41 101-38.402 and 101-25.405. Occupational Safety & Health Act, Washington Industrial Safety & Health Act, Environmental Protection Agency and National Fire Protection Association. DOE Orders as identified in BUDs.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS
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DESCRIPTION OF REGULATORY DRIVERS Continued

DOE:

Order 4700.1, Project Management System; Order 2200.6, Financial Accounting; Orders 1430.1, 1430.2A; Orders 5480.4 and 5480.7, Nat'l Fire Protection Assoc Codes and Standards; Orders 5400.1,

FED:

Code of Federal Regulations (CFR) 41CFR 101-38.402, and 101-25.405; 36CFR 1228.222; 29CFR 1910; CFR 1910.219, CFR 1910.213.a.9, CFR 1910.265.c.20.ii

ST:

Washington Administrative Codes (WAC) 296-45, 296-24; WAC Title 296, Dept of Labor and Industries; Other--Manual WHC-CM-2-5, Mgmt Control System, Vol 1, E-2, Removal of Surface Residue on Protective Equipment;

TRI:

Tri-Party Agreement Milestone M-35-02, item d, "Digital Site GIS Base Map Data Collection.

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Operations Office: RL ID No.: 6675- 0 Revision Date: 4/22/1994
ADS Title: GENERAL PLANT PROJECTS
WBS No.: 1.6.8.2.5.4 Category: FT Appr.:
Project Title: RL LANDLORD GENERAL PLAN Facility/WAG: NONE
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: NONE TPC: 0 TEC: 0
Contig: 0
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 0 2. 0 3. 0

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : N FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	1,502	1,487		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	8,113	7,200		C	0	0	0	0
LI	0	0		D	5,647	8,630	10,830	0
				E	0	0	0	0
TOTAL	9,615	8,687		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	5,647	8,630	10,830	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	982
CE	0
GPP	4,665
LI	0
TOTAL	5,647

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,330	1,294	1,401	1,443	1,487
CE	0	0	0	0	0
GPP	7,300	6,150	9,500	9,500	9,500
LI	0	0	0	0	0
TOTAL	8,630	7,444	10,901	10,943	10,987

FTEs	FY94	FY95			
Direct	0	5			
Indirect	0	3			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	5	5	5	5	5
Indirect	3	3	3	3	3
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,330	1,360	1,401	1,443	1,487
CE	0	0	0	0	0
GPP	9,500	9,500	9,500	9,500	9,500
LI	0	0	0	0	0
TOTAL	10,830	10,860	10,901	10,943	10,987

FTEs	FY94	FY95			
Direct	0	5			
Indirect	0	3			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	5	5	5	5	5
Indirect	3	3	3	3	3
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROJECT IDENTIFICATION & SCOPING							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
EW7030000	1,301	1,100		D	796	1,144	1,144
35EW70300	0	0		E	0	0	0
39EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
				H	0	0	0
				I	0	0	0
TOTAL	1,301	1,100		TOTAL	796	1,144	1,144
							0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	796
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	796

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,144	1,100	1,201	1,237	1,274
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,144	1,100	1,201	1,237	1,274

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,144	1,166	1,201	1,237	1,274
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	1,144	1,166	1,201	1,237	1,274

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: AB					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: GENERAL PLANT PROJECTS / CAPITAL								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
EW7030000	201	387		D	4,851	7,486	9,686	0
35EW70300	0	0		E	0	0	0	0
39EW70300	8,113	7,200		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
TOTAL	8,314	7,587		TOTAL	4,851	7,486	9,686	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	186
35EW70300	0
39EW70300	4,665
39EW70300	0
TOTAL	4,851

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	186	195	201	207	213
35EW70300	0	0	0	0	0
39EW70300	7,300	6,150	9,500	9,500	9,500
39EW70300	0	0	0	0	0
TOTAL	7,486	6,345	9,701	9,707	9,713

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	186	195	201	207	213
35EW70300	0	0	0	0	0
39EW70300	9,500	9,500	9,500	9,500	9,500
39EW70300	0	0	0	0	0
TOTAL	9,686	9,695	9,701	9,707	9,713

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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6670 0

Title: GENERAL ADMIN SUPPORT/BUILDINGS

Transferred in its entirety: N

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: Milestone Seq: 6675-00-0005 TPA MS NO.:
Title: SUBMIT CANDIDATE FY 1995 GPPS TO DOE-RL
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/15/1993 12/15/1993 PTS: N SMS: N
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETED 12/15/93.

Milestone No.: NONE Milestone Seq: 6675-00-0010 TPA MS NO.: NONE
Title: SUBMIT CANDIDATE FY 1996 GPP'S
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/01/1994 12/01/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: RLIP 4700.1, PROJ. MGMT. SYS.
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
TRANSMIT BY LETTER TO DOE-RL CANDIDATE GENERAL PLANT PROJECT SUPPORT SHEETS. THE
CANDIDATE PROJECTS REPRESENT CONSTRUCTION NEEDS IDENTIFIED THROUGH ENGINEERING
STUDIES REQUIRED TO PROVIDE A SOUND INFRASTRUCTURE.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6675-00-0065 TPA MS NO.: NONE
Title: ISSUE FY 98 GPP ENGINEERING STUDIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ICF KH APPROVE ENGINEERING STUDIES IDENTIFYING OUTYEAR GENERAL PLANT PROJECTS. THE STUDIES WILL BE USED AS A BASIS FOR PROPOSING CANDIDATE PROJECTS.

Milestone No.: NONE Milestone Seq: 6675-00-0015 TPA MS NO.: NONE
Title: SUBMIT CANDIDATE FY 1997 GPP'S
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/01/1995 12/01/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: RLIP 4700.1, PROJ. MGMT. SYS.
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
TRANSMIT BY LETTER TO DOE-RL CANDIDATE GENERAL PLANT PROJECT SUPPORT SHEETS. THE CANDIDATE PROJECTS REPRESENT CONSTRUCTION NEEDS IDENTIFIED THROUGH ENGINEERING STUDIES REQUIRED TO PROVIDE A SOUND INFRASTRUCTURE.

Milestone No.: NONE Milestone Seq: 6675-00-0040 TPA MS NO.: NONE
Title: ISSUE FY 98 GPP ENGINEERING STUDIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ICF KH APPROVE ENGINEERING STUDIES IDENTIFYING OUTYEAR GENERAL PLANT PROJECTS. THE STUDIES WILL BE USED AS A BASIS FOR PROPOSING CANDIDATE PROJECTS.

Milestone No.: NONE Milestone Seq: 6675-00-0020 TPA MS NO.: NONE
Title: SUBMIT CANDIDATE FY 1998 GPP'S
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/01/1996 12/01/1996 PTS: N SMS: Y
Driver Name: DOE Driver Reference: RLIP 4700.1, PROJ. MGMT. SYS.
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
TRANSMIT BY LETTER TO DOE-RL CANDIDATE GENERAL PLANT PROJECT SUPPORT SHEETS. THE CANDIDATE PROJECTS REPRESENT CONSTRUCTION NEEDS IDENTIFIED THROUGH STUDIES REQUIRED TO PROVIDE A SOUND INFRASTRUCTURE.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6675-00-0045 TPA MS NO.: NONE
Title: ISSUE FY 99 GPP ENGINEERING STUDIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

ICF KH APPROVE ENGINEERING STUDIES IDENTIFYING OUTYEAR GENERAL PLANT PROJECTS. THE STUDIES WILL BE USED AS A BASIS FOR PROPOSING CANDIDATE PROJECTS.

Milestone No.: NONE Milestone Seq: 6675-00-0025 TPA MS NO.: NONE
Title: SUBMIT CANDIDATE FY 1999 GPP'S
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/01/1997 12/01/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: RLIP 4700.1, PROJ. MGMT. SYS.
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

TRANSMIT BY LETTER TO DOE-RL CANDIDATE GENERAL PLANT PROJECT SUPPORT SHEETS. THE CANDIDATE PROJECTS REPRESENT CONSTRUCTION NEEDS IDENTIFIED THROUGH ENGINEERING STUDIES REQUIRED TO PROVIDE A SOUND INFRASTRUCTURE.

Milestone No.: NONE Milestone Seq: 6675-00-0050 TPA MS NO.: NONE
Title: ISSUE FY 2000 GPP ENGINEERING STUDIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

ICF KH APPROVE ENGINEERING SUTDIES IDENTIFYING OUTYEAR GENERAL PLANT PROJECTS. THE STUDIES WILL BE USED AS A BASIS FOR PROPOSING CANDIDATE PROJECTS.

Milestone No.: NONE Milestone Seq: 6675-00-0030 TPA MS NO.: NONE
Title: SUBMIT CANDIDATE FY 2000 GPP'S
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/01/1998 12/01/1998 PTS: N SMS: Y
Driver Name: DOE Driver Reference: RLIP 4700.1, PROJ. MGMT. SYS.
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

TRANSMIT BY LETTER TO DOE-RL CANDIDATE GENERAL PLANT PROJECT SUPPORT SHEETS. THE CANDIDATE PROJECTS REPRESENT CONSTRUCTION NEEDS IDENTIFIED THROUGH ENGINEERING STUDIES REQUIRED TO PROVIDE A SOUND INFRASTRUCTURE.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6675-00-0055 TPA MS NO.: NONE
Title: ISSUE FY 2001 GPP ENGINEERING STUDIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ICF KH APPROVED ENGINEERING STUDIES IDENTIFYING OUTYEAR GENERAL PLANT PROJECTS. THE STUDIES WILL BE USED AS A BASIS FOR PROPOSING CANDIDATE PROJECTS.

Milestone No.: NONE Milestone Seq: 6675-00-0035 TPA MS NO.: NONE
Title: SUBMIT CANDIDATE FY 2001 GPP'S
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/01/1999 12/01/1999 PTS: N SMS: Y
Driver Name: DOE Driver Reference: RLIP 4700.1, PROJ. MGMT. SYS.
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
TRANSMIT BY LETTER TO DOE-RL CANDIDATE GENERAL PLANT PROJECT SUPPORT SHEETS. THE CANDIDATE PROJECTS REPRESENT CONSTRUCTION NEEDS IDENTIFIED THROUGH ENGINEERING STUDIES REQUIRED TO PROVIDE A SOUND INFRASTRUCTURE.

Milestone No.: NONE Milestone Seq: 6675-00-0060 TPA MS NO.: NONE
Title: ISSUE FY 2002 GPP ENGINEERING STUDIES
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ICF KH APPROVE ENGINEERING STUDIES, IDENTIFYING OUTYEAR GENERAL PLANT PROJECTS. THE STUDIES WILL BE USED AS A BASIS FOR PROPOSING CANDIDATE PROJECTS.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 08:55:55

Technical Scope Summary(Limit 15 line or less):

This activity of the Landlord Program provides the baseline definition and funding mechanism for infrastructure construction projects as defined by DOE 4700.3, 'General Plant Projects.' This activity provides for both expense funding for preliminary engineering/project definition and capital funding for construction. Landlord Program General Plant Projects are for upgrading, adding or replacing Hanford Site infrastructure components

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~~NARRATIVE Continued~~

including the following: steam, transportation, laboratory support, buildings, electrical distribution, telecommunications, business equipment, automated data processing, railroads, environmental monitoring, roads, fire, water, sanitary wastes, shops and medical services. The infrastructure is needed to support the overall missions of the site including Waste Management, Site Cleanup and Research and Development.

Technical Scope Detail(Limit 104 lines or less):

This activity is in support of Grumbly Initiative #2 to , 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety.'

Much of the Hanford Site's existing infrastructure has its roots in the Manhattan Project. Temporary railroads, utilities, roads and buildings were constructed during the 1940's. Over the years, varying levels of programmatic activity and a lack of dedicated funding for maintenance and upgrades of the 'temporary' infrastructure system has resulted in significant deterioration. The site mission is jeopardized, state and federal laws cannot be met, and employee and public health and safety is at risk. Missions and programs have changed significantly since the majority of the infrastructure was constructed. Projected waste management and environmental cleanup activities will result in increasing requirements for a sound infrastructure. This activity benefits the accomplishment of the site mission by assuring that utilities and support facilities are available with sufficient capacity when needed.

General Plant Project identification and scoping (preliminary engineering/project definition) comprises of the work effort required to develop infrastructure needs and problems into viable construction projects if warranted. The work effort includes coordinating end user needs and requirements, sponsoring and controlling engineering activities, conducting alternative analysis, preparing project documentation for DOE, conducting reviews of documents, preparing project baseline documentation and project management. This activity is performed on a continuous basis and produces deliverables such as engineering reports and studies, drawings, cost estimates, schedules, project proposals, conceptual designs, design criteria and status reports.

General Plant Project's/Capital Work Order's construction effort consists of definitive design, procurement, construction labor, materials, overhead and subcontracts, and project management for each defined project. Expense funded activities are those considered to be not dedicated to the specific projects but provide support. Included in support is program management, environmental permitting, safety and health monitoring, and quality assurance.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

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In FY 1994 the site infrastructure GPP needs consists of facility additions and modifications to be able to meet the current site mission objectives. GPP's include expansion of a heavy vehicle maintenance facility to handle the increased amount of machinery used in site cleanup, adding an office wing to an existing facility to support site needs for radiological control and monitoring instrumentation, upgrading of steam plant production facilities in the 300 Area, addition of a warehouse facility to support 300 area research and development needs, and providing systems to assure that sanitary sewage treatment and disposal is in compliance with State regulations. Numerous Capital Work Order (CWO) projects (projects with a total estimated cost of less than \$500,000) are being initiated to correct facility deficiencies and needs. These include such things as building heating and cooling system additions, replacing steam cleaning facility which does not comply with environmental regulations, upgrading roads and facilities to improve safety, and replacing failed valves on water supply systems.

In FY 1994 construction activities for prior year GPP's will be in process or nearing completion, the FY 1994 GPP definitive designs will be initiated, the FY 1995 GPP conceptual designs will be started and completed as necessary, and engineering studies will be conducted to define FY 1996 and beyond GPP needs.

Candidate FY 1995 GPP description sheets have been developed and submitted for approval.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343K. These adjustments may require a FY 1995 budget amendment.

In FY 1995 GPPs will be initiated for the site infrastructure such as adding a new facility to the 324 building for conducting research and development in support of site cleanup, replacing a failed sanitary waste treatment and disposal facility, providing safety upgrades to interior roadways in the 200 Area, replacing deficient and unsafe office facilities, upgrading building fire protection systems, and replacing unsafe parking lots. CWO projects will also be initiated of which the scope will be defined later.

In FY 1995 construction activities for prior year GPP's will be in process or nearing completion, the FY 1995 definitive designs will be initiated, candidate FY 1996 GPP description sheets will be developed and submitted for approval, the FY 1996 GPP conceptual designs will be started and completed as necessary, and engineering studies will be conducted to define FY 1997 and beyond needs.

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Planning Year (FY 1996) Description(Limit 156 lines or less):

In FY 1996 construction activities for prior year GPP's will be in process or nearing completion, the FY 1996 definitive designs will be initiated, candidate FY 1997 GPP description sheets will be developed and submitted for approval, the FY 1997 GPP conceptual designs will be started and completed as necessary, and engineering studies will be conducted to define FY 1998 and beyond needs.

*Decrement Case; Three GPP's and about 4 small projects will be initiated in FY 96. Engineering studies and conceptual designs will be limited to urgent infrastructure deficiencies.

*Target Case; In addition to the new project starts in the decrement case, one additional GPP and 4 additional small projects will be started. Engineering studies and Conceptual Designs will be conducted to fully support anticipated future needs.

*Planning Case; In the planning case all of the backlog of GPP's will be started. This consists of 6 new GPP starts and about 7 small projects. This case provides the flexibility needed to respond to planned and urgent construction needs.

Project scopes being investigated at this time includes the addition of water metering to the 200 and 300 Area water systems, conversion of an existing technical library to an office facility, adding a fire suppression system to the 300 Area steam plant, adding facilities to further reduce waste water discharges in the 300 Area, adding training facilities, constructing a material recovery facility for reducing and recycling sanitary wastes, and replacing deficient office facilities in the outer areas of the site. This may be modified at completion of the current Infrastructure Transition Initiative (ITI) integrated review. The ITI is a process of conducting in-depth review and analysis of the site infrastructure capability and determining how that capability relates to the current site mission. A plan for the infrastructure is expected from the ITI which defines future needs.

Specific project scope definitions will not be developed until 10 months prior to the project funding year. This is consistent with the intent of GPP's to resolve urgent construction needs. DOE 4700.1 and RLIP 4700.1 call for submittal of candidate project in December of each year for the following Fiscal Year.

An average of 5 GPP's and 12 small projects have been started each year in the Landlord Program. This has been the typical number of new start projects required to support the infrastructure needs. Project costs vary dependent on scope. The assumption for FY 96 is that fewer project starts will occur because individual project costs will grow to the raised cost ceilings instituted in FY 94. The new ceilings are beneficial to the Landlord Program in that response to need is much faster by GPP's than

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NARRATIVE Continued

through the Line Item construction process.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In FY 1997 construction activities for prior year GPP's will be in process or nearing completion, the FY 1997 definitive designs will be initiated, candidate FY 1998 GPP description sheets will be developed and submitted for approval, the FY 1998 GPP conceptual designs will be started and completed as necessary, and engineering studies will be conducted to define FY 1999 and beyond needs.

The above process will continue through each of the subsequent outyears in the life of each GPP allocation. The assumptions made in the planning year will apply also for the outyears.

Impacts/Assumptions(Limit 42 lines or less):

*Work simplification, the reduction in design and construction restrictions, and simplified reporting trends will continue. For Landlord type of projects that present little or no risk to people or the environment the trend is toward cost reduction through use of commercial type of techniques and standards. This is partially being implemented through reinventing government initiatives simplifying engineering and management of the projects.

*National Environmental Policy Act (NEPA) documentation for GPP's and small projects is either a categorical exclusion or a simple Environmental Assessment. This work will continue to be funded and included in the Program Integration End Function (ADS 6660-00-AE).

*Average GPP cost (capital) is \$1,300,000. The GPP limit was raised from \$1.2M in FY 1993 to \$2.0M in FY 1994 and beyond. Average CWO project cost (capital) is \$250,000. CWO limit was raised from \$300K in FY 1993 to \$500K in FY 1994 and beyond. Average project cost is anticipated to grow with this limit change.

*Capital cost detail is provided in specific detail estimates as a result of conceptual design and includes Project Engineering after project authorization, Detail Design, Procurement and Construction.

*Individual GPP's are authorized at full funding (TEC) to be costed over an average period of 20 months.

*CWO capital funding is fully authorized each year to be costed over an average period of 15 months.

Supporting Documents(Limit 5 lines or less):

- DOE 4700.1, 'Project Management System'
- DOE 4700.3, 'General Plant Projects'
- DOE 2200.6, 'Financial Accounting,' Chapter VI
- RLIP 4700, 'Project Management System'

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Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

(c) Conduct surveys to determine user satisfaction.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

This activity is regulated by the requirements of DOE 4700.1, "Project Management System," DOE 4700.3, "General Plant Projects," DOE 2200.6, "Financial Accounting" Chapter VI, and RLIP 4700.1, "Project Management System."

FED:

National Fire Protection Association (NFPA) requirements for life safety, building fire protection and emergency egress. 40CFR61 Subpart H for National Emission Standard for hazardous air pollutants.

ST:

WAC 246-272 for Sewage Systems and 123-303 for Gen. Occ. and Health Standards, WAC 51-11 Chapters 11 through 20 Non-Residential Energy Code, and Revised Code of Wash. (RCW) 90.48.080 prohibiting discharges of pollutants to ground water.

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Operations Office: RL ID No.: 6680- 0 Revision Date: 4/15/1994
ADS Title: LINE ITEMS
WBS No.: 1.6.8.2.5.5 Category: FT Appr.:
Project Title: RL LANDLORD LINE ITEM PL Facility/WAG: NONE
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: TPC: TEC:
Contig: 0
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: Y ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			
					DECREMENT	TARGET	PLAN	IMM RISK
OE	1,060	1,247		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	80	160	337	337
TOTAL	1,060	1,247		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	332	568	1,548	0
				TOTAL	412	728	1,885	337

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	412
CE	0
GPP	0
LI	0
TOTAL	412

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	728	940	1,398	1,570	1,512
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	7,200	12,050	18,800	27,500
TOTAL	728	8,140	13,448	20,370	29,012

FTEs	FY94	FY95
Direct	0	3
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	3	6	6	8	8
Indirect	2	4	5	6	6
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,885	2,184	2,318	2,493	2,527
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	18,250	19,200	18,600	31,000
TOTAL	1,885	20,434	21,518	21,093	33,527

FTEs	FY94	FY95
Direct	0	3
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	4	6	6	8	8
Indirect	3	4	5	6	6
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROJECT IDENTIFICATION & SCOPING									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	586	568			E	0	0	0	0
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	332	568	1,548	0
TOTAL	586	568			TOTAL	332	568	1,548	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	332
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	332

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	568	699	1,192	1,320	1,412
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	4,000	13,000	27,500
TOTAL	568	699	5,192	14,320	28,912

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	1,548	1,933	2,092	2,294	2,499
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	11,000	17,000	31,000
TOTAL	1,548	1,933	13,092	19,294	33,499

Environmental Management
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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 97-L-113, ELECTRICAL DISTRIBUTIO							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
EW7030000	243	238		E	80	80	80
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
				I	0	0	0
TOTAL	243	238		TOTAL	80	80	80

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	80
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	80

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	80	58	46	67	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	1,000	4,000	1,600	0
TOTAL	80	1,058	4,046	1,667	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	80	58	46	67	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	1,000	4,000	1,600	0
TOTAL	80	1,058	4,046	1,667	0

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 97-L-186, HANFORD ENTRY CONTROL							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW7030000	0	0		E	0	0	63
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	0	0		TOTAL	0	0	63

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	63	33	34	37	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	7,000	0	0	0
TOTAL	63	7,033	34	37	0

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 97-L-196, HANFORD INFRASTRUCTURE								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7030000	231	245		E	0	80	80	80
35EW70300	0	0		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	231	245						
				TOTAL	0	80	80	80

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	80	59	46	67	68
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	6,200	0	0	0
TOTAL	80	6,259	46	67	68

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	80	59	46	67	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	6,200	0	0	0
TOTAL	80	6,259	46	67	0

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 97-D-457, HANFORD PERSONNEL DOSI									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	0	196			E	0	0	114	114
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	196			TOTAL	0	0	114	114

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	124	114	116	32
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	4,050	4,200	0
TOTAL	0	124	4,164	4,316	32

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	114	101	100	27	28
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	4,050	4,200	0	0
TOTAL	114	4,151	4,300	27	-28

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A106 Cross References

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 6670 0
Title: GENERAL ADMIN SUPPORT/BUILDINGS
Transferred in its entirety: N
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: _____ Milestone Seq: 6680-00-0015 TPA MS NO.: NONE
Title: SUBMIT SHORT FORM DATA SHEETS FOR FY 2000 CANDIDATE LINE ITEMS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
8/31/1986 8/31/1986 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4700.1, 5500.3A, 5631.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
SUBMIT SHORT FORM DATA SHEETS FOR THOSE PROJECTS DETERMINED TO BE PRESENTED AS FY 2000 LINE ITEMS.

Milestone No.: NONE Milestone Seq: 6680-00-0025 TPA MS NO.: NONE
Title: START CONCEPTUAL DESIGN, 97-L-113, ELEC. DIST. & CONV., 200 AREA
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1994 4/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 4700.1, 5500.3A, 5631.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
NONE.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 6680-00-0030 TPA MS NO.: NONE
Title: START CONCEPTUAL DESIGN, 97-L-196, HANFORD INFRA. FIBER OPTIC LP
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1994 4/30/1994 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
NONE.

Milestone No.: Milestone Seq: 6680-00-0005 TPA MS NO.: NONE
Title: SUBMIT SHORT FORM DATA SHEETS FOR FY 1998 CANDIDATE LINE ITEMS
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/01/1994 8/01/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4700.1, 5500.3A, 5631.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT SHORT FORM DATA SHEETS IN AUGUST FOR THOSE PROJECTS DETERMINED TO BE
PRESENTED AS FY 1998 LINE ITEMS.

Milestone No.: Milestone Seq: 6680-00-0035 TPA MS NO.: NONE
Title: SUBMIT CANDIDATE FY 1998 LINE ITEMS TO DOE-RL
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/01/1994 9/01/1994 PTS: N SMS: N
Driver Name: N/A Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
NONE.

Milestone No.: Milestone Seq: 6680-00-0010 TPA MS NO.: NONE
Title: SUBMIT SHORT FORM DATA SHEETS FOR FY 1999 CANDIDATE LINE ITEMS
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
8/31/1995 8/31/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4700.1, 5500.3A, 5631.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
SUBMIT SHORT FORM DATA SHEETS WILL BE SUBMITTED IN AUGUST FOR THOSE PROJECT
DETERMINED TO BE PRESENTED AS FY 1999 LINE ITEMS.

MILESTONES Continued

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~~MILESTONES Continued~~

Milestone No.: Milestone Seq: 6680-00-0020 TPA MS NO.: NONE
Title: PRESENT CANDIDATE PROJECT DATA SHEETS TO DOE-HQ
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1997 8/31/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 4700.1, 5500.3A, 5631.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CANDIDATE PROJECT DATA SHEETS WILL BE PRESENTED TO DOE-HQ AS CANDIDATE PROJECTS IN AUGUST.

~~NARRATIVE~~

LAST UPDATE: 04-23-1994 TIME: 08:57:27

Technical Scope Summary(Limit 15 line or less):

This function of the Landlord Program provides the baseline definition and funding mechanism for infrastructure construction projects defined in DOE 4700.1 'Project Management System. This activity provides for expense funding for preliminary engineering/project definition and conceptual design activity.

Landlord Program Line Items are for upgrading, adding or replacing Hanford Site infrastructure components including the following: steam, transportation, laboratory support, buildings, electrical distribution, telecommunications, business equipment, automated data processing, railroads, environmental monitoring, roads, fire, water, sanitary wastes, and medical services. The infrastructure is needed to support the overall mission of the site including Waste Management, Site Cleanup and Research and Development.

Technical Scope Detail(Limit 104 lines or less):

This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'.

Much of the Hanford Site's existing infrastructure has its roots in the Manhattan Project. Temporary railroads, utilities, roads and buildings were constructed during the 1940's as part of the Manhattan Project. Temporary railroads, utilities, roads and buildings were constructed during the 1940's as part of the wartime effort. Over the years varying levels of programmatic activity and a lack of dedicated funding for maintenance and upgrades of what was supposed a 'temporary' infrastructure system has significantly deteriorated to the point where the site mission is

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jeopardized, and state and federal laws cannot be met, and employee and public health is at risk.

Project identification and scoping (preliminary engineering/project definition) comprises of the work effort required to develop infrastructure needs and problems into viable construction projects if warranted. This effort includes coordinating end user needs and requirements, sponsoring and controlling engineering activities, conducting alternative analysis, preparing project documentation for DOE, conducting reviews of documents, preparing project baseline documentation and project management. This activity is performed on a continuous basis and produces deliverables such as engineering reports and studies, drawings, cost estimates, schedules, and project proposals.

Four conceptual designs are included in this activity that consist of the following projects: Electrical Distribution and Lighting Conversion, 200 Areas; Hanford Entry Control Center; Hanford Infrastructure Fiber Optic Loop; and the Hanford Personnel Dosimetry Facility. Conceptual designs are required for line items in order to establish cost and schedule baselines for each project. Conceptual designs include sufficient detail in terms of material specifications and drawings to obtain construction parametric cost estimates and schedules with a high degree of confidence in their accuracy. Included in this support is program management, environmental permitting, safety and health monitoring, project engineering, and quality assurance.

The FY 97 LI conceptual design scopes are as follows; Electrical Distribution and Lighting Conversion, 200 Areas (6680-AB) will convert the outdated 2,400 volt electrical distribution circuits in the Hanford 200 Areas to modern 13,800 volt circuits. This includes converting obsolete series lighting circuits to parallel circuits. This project is required in order to provide an electrical distribution system for the 200 Areas which is safe, efficient, reliable, and maintainable.

The Hanford Entry Control Center (6680-AC) will provide a new facility to assure workers and visitors are trained and have adequate directions before proceeding on site. The entry control center will consolidate security clearance processing, access control badging, safety and security training, and personnel dosimetry in a complete and efficient manner. By consolidating access control in one facility, cost savings of \$20 to \$50 million dollars will be realized over the next 15 years.

The Hanford Infrastructure Fiber Optic Loop System (6680-AD) will provide a means of assuring that emergency and critical operations communications are available when needed to provide for future data and communications needs. Included in the communication needs is the emergency 911 system.

The Hanford Personnel Dosimetry Facility (6680-AE) will provide for laboratories, operating areas, shielded in-vivo counting cells, electronic maintenance shop, and office space. This facility will house four programs

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Environmental Management
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that measure, document, record, and report workers and visitors radiological exposure.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Engineering Studies have begun in four different infrastructure areas for potential FY 98 Line Items, and are scheduled to be 50% complete in May. The infrastructure areas include maintenance support, steam and natural gas evaluations, electrical distribution deficiencies, and environmental health services. Upon completion of engineering studies, short form data sheets will be submitted in August, for those projects determined to be presented as FY 98 Line Items.

Engineering Studies have been completed for all four of the FY 97 Line Items. Candidate project data sheets have been prepared and forwarded to the DOE-HQ for request of Key Decision Zero to initiate conceptual design activities. Preparation of Functional Design Criteria (FDC's) has begun for the LI's, and will be forwarded to DOE-RL for approval. Upon receipt of Key Decision Zero and approval of the FDC's, conceptual design activities will begin that will include authorization of expenditures, coordination of design team, environmental reviews and permitting activity, testing (i.e., soil), purchasing of materials, surveys, upfront evaluations, and contractor procedure preparation.

Conceptual designs for the FY 96 Line Items will be completed (those Line Items include; 200 Area Sanitary Sewer System, Hanford Fire Department Facilities, Buildings Utility Replacement, 300 Area). The FY 96 Line Items will be presented for validation with detailed parametric estimates, drawings, and schedules provided.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Engineering Studies will begin in four different infrastructure areas for potential FY 99 Line Items, and are scheduled to be 50% complete in May. Upon completion of engineering studies, short form data sheets will be submitted in August, for those projects determined to be presented as FY 99 Line Items.

Engineering Studies will have been completed for the FY 98 Line Items. Candidate project data sheets will be prepared and forwarded to the DOE-HQ for request of Key Decision Zero to initiate conceptual design activities. Functional Design Criteria (FDC's) will be prepared for the LI's, and will be forwarded to DOE-RL for approval. Upon receipt of Key Decision Zero and approval of the FDC's, conceptual design activities will begin that will include authorization of expenditures, coordination of meetings, environmental reviews and permitting activity, testing (i.e., soil), purchasing of materials, surveys, upfront evaluations, and contractor procedure preparation.

Conceptual design for the FY 97 Line Items will be completed. The FY 97 Line Items will be presented for validation with detailed parametric

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estimates, drawings, and schedules provided.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Engineering Studies will begin in four different infrastructure areas for potential FY 2000 Line Items. Upon completion of engineering studies, short form data sheets will be submitted in August, for those projects determined to be presented as FY 2000 Line Items.

Engineering Studies will have been completed for the FY 99 Line Items. Candidate project data sheets will be prepared and forwarded to the DOE-HQ for request of Key Decision Zero to initiate conceptual design activities. Functional Design Criteria (FDC's) will be prepared for the LI's, and will be forwarded to DOE-RL for approval. Upon receipt of Key Decision Zero and approval of the FDC's, conceptual design activities will begin that will include authorization of expenditures, coordination of meetings, environmental reviews and permitting activity, testing (i.e., soil), purchasing of materials, surveys, upfront evaluations, and contractor procedure preparation. Conceptual design for the FY 98 Line Items will be completed. The FY 97 Line Items will be presented for validation with detailed parametric estimates, drawings, and schedules provided.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In FY 97 conceptual designs will be completed for FY 99 Line Items and the projects will be presented for validation, the FY 2000 LI's candidate project data sheets will be presented to the DOE-HQ as candidate projects. Engineering studies and evaluations will begin to define out year needs.

The above process will continue through each of the subsequent outyears in the life of each LI allocation. The assumptions made in the planning year will also apply for the out years.

Impacts/Assumptions(Limit 42 lines or less):

- Work simplification, the reduction in design and construction restrictions, and simplified reporting trends will continue. For Landlord type of projects that present little or not risk to people or the environment the trend is toward cost reduction through use of commercial type of techniques and standards. This is partially being implemented through reinventing government initiatives simplifying engineering and management of the projects.

- National Environmental Policy Act (NEPA) documentation for LI's is either a categorical exclusion or a simple Environmental Assessment. This work will continue to be funded and included in the program integration end function.

- It is assumed that due to the age and condition of the infrastructure, continuing LI project funding will be required throughout the planning time frame. Planning and development includes Engineering Studies (ES),

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candidate LI presentations, Functional Design Criteria Reports (FDC's) Conceptual Design Reports (CDR's), validation, NEPA documentation, safety analysis and reviews and other miscellaneous reports and studies.

- Approximately three to four engineering investigations and studies, FDC's and CDR's will be conducted in various infrastructure component areas each year.

- It is assumed Key Decision Zero is received in May to enable start of conceptual designs.

Supporting Documents(Limit 5 lines or less):

- DOE 4700.1 'Project Management System'
- RLIP 4700 'Project Management System'
- Regulatory Drivers associated with existing LI's can be assumed to apply to future LI activity

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

- (b) Reduce non-compliance items by 10%.
- (c) Conduct surveys to determine user satisfaction.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE Order 4700.1, Project Management System; DOE Order 5500.3A Planning & Preparedness for Operational Emergencies; DOE Order 5631.1B, Security Education Briefing Awareness;

OSHA:

OSHA 29CFR1910.120e3ii

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Operations Office: RL ID No.: 6680- 1 Revision Date: 4/21/1994
ADS Title: 93-K-003, MULTI-PURPOSE FACILITY
WBS No.: 1.6.8.2.5.14 Category: FT Appr.:
Project Title: 93-D-186, 200 AREA UNSEC Facility/WAG: 300 AREA
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 93-D-186 TPC: 6000 TEC: 5500
Contig: 900
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: N IAG: N OSHA: N ORD: N ST : N TRI : N FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	28	59		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	4,000		D	0	0	0	0
				E	165	700	700	700
TOTAL	28	4,059		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	165	700	700	700

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	165
CE	0
GPP	0
LI	0
TOTAL	165

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	200	41	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	500	0	0	0	0
TOTAL	700	41	0	0	0

FTEs	FY94	FY95			
Direct	0	1			
Indirect	0	0			
Federal	0	0			

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	0	0	0	0
Indirect	1	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	200	41	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	500	0	0	0	0
TOTAL	700	41	0	0	0

FTEs	FY94	FY95			
Direct	0	1			
Indirect	0	0			
Federal	0	0			

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	0	0	0	0
Indirect	1	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 93-K-003, FABRICATION SHOP FACIL							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
EW7030000	28	59		E	165	700	700
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	4,000		H	0	0	0
				I	0	0	0
TOTAL	28	4,059		TOTAL	165	700	700

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	165
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	165

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	200	41	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	500	0	0	0	0
TOTAL	700	41	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	200	41	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	500	0	0	0	0
TOTAL	700	41	0	0	0

Environmental Management
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Al06 Cross References

Al06 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6671 0

Title: 93-R-003, 200 AREA UNSECURED CORE AREA FAB SHOP

Transferred in its entirety: Y

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-01-0005 TPA MS NO.: NONE
Title: START DEFINITIVE DESIGN, MULTI-PURPOSE FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/01/1994 6/01/1994 PTS: N SMS: Y
Driver Name: FED Driver Reference: NEC/NFPA 101
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

Milestone No.: NONE Milestone Seq: 6680-01-0010 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN, MULTI-PURPOSE FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y
Driver Name: FED Driver Reference: NEC/NFPA 101
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

MILESTONES Continued

Environmental Management
FY96 Field Submission
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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6680-01-0015 TPA MS NO.: NONE
Title: START CONSTRUCTION, MULTI-PURPOSE FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/01/1994 10/01/1994 PTS: N SMS: Y
Driver Name: FED Driver Reference: NEC/NFPA 101
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

Milestone No.: NONE Milestone Seq: 6680-01-0025 TPA MS NO.: NONE
Title: START DEMOLITION OF EXISTING STRUCTURES, MULTI-PURPOSE FACILITY
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
8/15/1995 8/15/1995 PTS: N SMS: Y
Driver Name: FED Driver Reference: NEC/NFPA 101
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

Milestone No.: NONE Milestone Seq: 6680-01-0020 TPA MS NO.: NONE
Title: CONSTRUCTION COMPLETE, MULTI-PURPOSE FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/15/1996 4/15/1996 4/15/1996 PTS: N SMS: Y
Driver Name: FED Driver Reference: NEC/NFPA 101
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

Milestone No.: NONE Milestone Seq: 6680-01-0030 TPA MS NO.: NONE
Title: COMPLETE DEMO OF EXISTING STRUCTURES, MULTI-PURPOSE FACILITY
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
8/01/1996 8/01/1996 8/01/1996 PTS: N SMS: Y
Driver Name: FED Driver Reference: NEC/NFPA 101
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6680-01-0035 TPA MS NO.: NONE
Title: PROJECT COMPLETE, MULTI-PURPOSE FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/30/1996 8/30/1996 8/30/1996 PTS: N SMS: Y
Driver Name: FED Driver Reference: NEC/NFPA 101
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:37:17

Technical Scope Summary(Limit 15 line or less):

This project will provide the onsite Engineering and Construction (E/C) contractor with a single 18,000 square foot multi purpose facility. This facility will enable the E/C Contractor space to mobilize craft personnel, and also demolish wooden structures that are 39 years old and no longer safe to occupy.

Technical Scope Detail(Limit 104 lines or less):

This project will provide the onsite Engineering and Construction (E/C) Contractor with a single 18,000 square foot shop for the permanent installation of large equipment, including craft lunchroom and storage space for materials, tools, and supplies.

The existing onsite Engineering/Construction (E/C) Contractor Fabrication Shop Facilities (1240, 1241 and 1242 Buildings in the 3000 Area) are wooden structures over 39 years old. Continued occupancy of the existing structure or remodeling is not cost effective. Deficiencies include asbestos wrapped pipe, structural damage, leaking roof, and failure to meet safety requirements. The existing structure presents severe industrial safety and hygiene concerns. There is an increasing potential for catastrophic failure due to condition, age, and use.

Activity Data Sheet (ADS) 6680-1 is a priority 1. This Line Item (LI) is required to maintain safe conditions for workers and eliminate hazards for the public and the environment. The existing building is covered with asbestos shingles. In the event of a fire, asbestos could become airborne and affect public health. There is a public school complex southeast of the building and in the direct path of the prevailing wind.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Functional Design Criteria (FDC), Conceptual Design Report (CDR), and

NARRATIVE Continued

Environmental Management
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NARRATIVE Continued

Project Validation and Request For Project Authorization have been completed and National Environmental Policy Act (NEPA) documentation approved for the Fiscal Year (FY) 1993 LI Multi Purpose Facility. The project has been rescoped as a result of changing site needs requiring an FDC revision and CDR estimate to be revised.

In Fiscal Year (FY) 1994, definitive design will be initiated in June and completed in September.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343K. These adjustments may require a FY 1995 budget amendment.

In FY 1995, construction will be initiated in October 1994 and demolition activities are scheduled to begin in August.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In FY 1996, construction will be completed in April and demolition activities will be complete in August. Project close-out is also scheduled for completion in August.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In the outyears, no activity is planned for this project. Project was completed in FY 1996.

Impacts/Assumptions(Limit 42 lines or less):

Funding arrives as scheduled; regulations do not change; operations do not change; LI project approved; and it is determined after conclusion of the current review that the long term need for an on site fabrication shop remains.

Supporting Documents(Limit 5 lines or less):

National Electric Codes (National Fire Protection Association [NFPA] 70), Life Safety Codes (NFPA 101), Uniform Building Code, Current Criteria for Earthquake and Wind Loads.

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

Environmental Management
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NARRATIVE Continued

DESCRIPTION OF REGULATORY DRIVERS

FED:

National Electric Codes; National Fire Protection Association (NFPA) 70;
Life Safety Codes (NFPA 101); Uniform Building Code; Current Criteria for
Earthquake and Wind Loads.

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RL-6680-2 -

Date: 6/01/1994

Page: 1
Time: 13:59

Operations Office: RL ID No.: 6680- 2 Revision Date: 4/20/1994
ADS Title: 92-L-017, 200 EAST STEAM SYSTEM REHAB., PHII
WBS No.: 1.6.8.2.5.10 Category: FT Appr.:
Project Title: 92-D-186, 200 AREA UNSEC Facility/WAG: 284E
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 92-D-186 TPC: 3400 TEC: 3300
Contig: 300
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: N IAG: N OSHA: N ORD: N ST : Y TRI : N FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	77	31		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	2,300	600		D	0	0	0	0
				E	0	0	0	0
TOTAL	2,377	631		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

Environmental Management
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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs FY94 FY95

Direct	0	0
Indirect	0	0
Federal	0	0

FTEs FY96 FY97 FY98 FY99 FY00

Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs FY94 FY95

Direct	0	0
Indirect	0	0
Federal	0	0

FTEs FY96 FY97 FY98 FY99 FY00

Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
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Activity Data Sheet

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 92-L-017, 200 EAST STEAM SYSTEM								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7030000	77	31		E	0	0	0	0
35EW70300	0	0		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	2,300	600		H	0	0	0	0
				I	0	0	0	0
TOTAL	2,377	631		TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

Environmental Management
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A106 Cross References

A106 Number: Date:
Title:
Federal Facility Identification:
Region: Assessment:
Status: Progress:

Tiger Team Cross References

Tiger Team Finding Number: Date:
Title:

FY95-99 ADS Cross References

ADS #: RL 6673 0
Title: 92-L-017, 200 EAST STEAM SYSTEM REHAB., PHII
Transferred in its entirety: Y
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-02-0005 TPA MS NO.: NONE
Title: START CONSTRUCTION, 200 EAST STEAM SYSTEM REHAB, PHASE II
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1994 3/31/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETED 10/18/93.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:39:00

Technical Scope Summary(Limit 15 line or less):

The Steam System Rehabilitation, Phase II, LI Project (92-L-017) (92-D-186) will provide restoration of the 200 Area Steam Plant required to maintain safety, reliability, and operability. The minimum restoration to be performed will allow continued operation of the existing steam system until a larger plant modernization or replacement is in place. The restoration consists of installation of a new backup boiler. This Project will enable

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Environmental Management
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~~NARRATIVE Continued~~

steam to be provided until the system is transferred to the private sector.

Technical Scope Detail(Limit 104 lines or less):

This project has been determined to be a Grumbly initiative #2 that will 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority,' along with protecting public health and ensuring community and environmental safety.'

The Steam System Rehabilitation, Phase II, LI Project (92-L-017) (92-D-186) will provide restoration of the 200 Area Steam Plant required to maintain safety, reliability, and operability. The minimum restoration to be performed will allow continued operation of the existing steam system until a larger plant modernization or replacement is in place. The restoration consists of installation of a new backup boiler. This Project will also enable efficiency improvements in steam production by allowing termination of the existing 200 West and 200 East Steam Plant operations.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

The conceptual design was completed in August 1992, and the project validation was in August 1992.

In FY 1994, construction was initiated in October 1993.

An Engineering Study was completed which defines the scope, cost and schedule of the restoration.

The NEPA documentation has been forwarded to RL for approval.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

The package boiler will be completed in FY 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

There are no activities planned for FY 1996, project was completed in FY 1995.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

There are no activities planned for the Outyears (FY 1997-2000), project was completed in FY 1995.

Impacts/Assumptions(Limit 42 lines or less):

There is an urgent near term need for the restoration of the steam plant to assure that the minimum steam production is maintained. The existing steam

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NARRATIVE Continued

plants are very old and inefficient which currently result in an increasing boiler failure. If a major failure occurs that results in extensive equipment damage, prior to completion of the actual construction activity of this project, the restoration project could be greatly impacted.

Supporting Documents(Limit 5 lines or less):

- WAC 173-400 General Regulations for Air Pollution Sources - Benton Franklin, Walla Walla Counties Air Pollution Control Authority 7 - 40 CFR 51 Requirements for Preparation, Adoption, and Submittal of Implementation Plants Apx. P - Minimum Emissions Monitoring Requirements

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

FED:

40 CFR 51, Requirements for Preparation, Adoption, and Submittal of Implementation Plants Apx. P - Minimum Emissions Monitoring Requirements

ST:

WA Adm Code 173-400, General Regulations for Air Pollution Sources--
Benton, Franklin, Walla Walla Counties Air Pollution Control Authority 7

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Date: 6/01/1994 Time: 14:00

Operations Office: RL ID No.: 6680- 3 Revision Date: 4/20/1994
ADS Title: 90-L-035, LANDLORD PROGRAM SAFETY COMPLIANCE, PHI
WBS No.: 1.6.8.2.5.6 Category: FT Appr.:
Project Title: 90-D-175, LANDLORD PROGR Facility/WAG: NONE
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 90-D-175 TPC: 31195 TEC: 30193
Contig: 3000
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	94	31		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	1,800	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	1,894	31		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Date: 6/01/1994 Time: 14:01

Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 90-L-035, LANDLORD PROGRAM SAFET							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
EW7030000	94	31		E	0	0	0
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	1,800	0		H	0	0	0
				I	0	0	0
TOTAL	1,894	31		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

Environmental Management
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Time: 14:01

A106 Cross References

A106 Number: Date:
Title:
Federal Facility Identification:
Region: Assessment:
Status: Progress:

Tiger Team Cross References

Tiger Team Finding Number: Date:
Title:

FY95-99 ADS Cross References

ADS #: RL 6675 0
Title: 90-L-035, LANDLORD PROGRAM SAFETY COMPLIANCE - PHASE I
Transferred in its entirety: Y
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-03-0005 TPA MS NO.: NONE
Title: START DEFINITIVE RE-DESIGN FOR PROJECT B-604
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
10/31/1993 10/31/1993 PTS: N SMS: Y
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETED 10/31/93.

Milestone No.: NONE Milestone Seq: 6680-03-0020 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION, 90-L-001, FIRE WATER DIST. & STOR. UPGRADE
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/31/1994 3/31/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
NOT COMPLETE AT THIS TIME. FORECASTED TO BE COMPLETED 4/30/94.

MILESTONES Continued

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FY96 Field Submission
Activity Data Sheet

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Date: 6/01/1994 Time: 14:01

MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6680-03-0010 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE RE-DESIGN FOR PROJECT B-604
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
6/28/1995 6/28/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

Milestone No.: NONE Milestone Seq: 6680-03-0015 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION FOR PROJECT B-604
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/28/1997 2/28/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:41:16

Technical Scope Summary(Limit 15 line or less):

Landlord Program Safety Compliance, Phase 1, consists of Project B-468, 'Railroad Upgrade Mainline'; Project B-604, 'Water System Upgrades-Reservoir'; Project B-690, 'Steam System Safety and Productivity Upgrade'; and Project L-001, 'Fire Water Storage and Distribution Upgrades, 300 Area'. Subproject B-468 replaced rail from Willa Junction to station 1927+46 (between Horn Rapids Road and the 1100 Area) and from the Columbia Center to the Yakima River bridge. Subproject B-604 upgrades the capacity of the current water storage and supply systems for the 200 Area to meet RLIP 5480.7 and the National Fire Protection Association standards. Subproject B-690 replaced existing electrical service, circuits and components in the 44 year old steam generation facilities in the 200 Areas. Subproject L-001 provides upgrades to the existing 300 Area water systems as required to provide an independent water supply capable of meeting fire flow demands simultaneous with peak process and domestic demands for a period of not less than four hours.

Technical Scope Detail(Limit 104 lines or less):

Landlord Program Safety Compliance, Phase 1, consists of Project B-468,

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'Railroad Upgrade Mainline'; Project B-604, 'Water System Upgrades-Reservoir'; Project B-690, 'Steam System Safety and Productivity Upgrade'; and Project L-001, 'Fire Water Storage and Distribution Upgrades, 300 Area'. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'.

Project L-035 is designated as a Priority 1. The activities included in the subprojects are necessary to prevent near-term adverse impacts on workers and the environment. The subprojects provide and maintain safe conditions for workers, systems, and facilities.

Subproject B-468, 'Railroad Upgrade-Mainline'

As a result of several inspections, the Federal Railroad Administration (FRA) recommended upgrading all of the rail on the Hanford Railroad System manufactured before 1936 and replacing all rail lighter than 90 lb./yd.

A Fiscal Year (FY) 1981 LI, Project B-320, replaced portions of the rail from 100N Area to the 300 Area. The FY 1990 LI, Project B-468, replaced approximately 22 miles of rail from Willa Junction to station 1927+46 (between Horn Rapids Road and the 1100 Area). In FY93 the scope of Project B-468 was expanded to include an upgrade of approximately 2.5 miles of track from the Columbia Center to the Yakima River Bridge.

Subproject B-604, 'Water System Upgrades-Reservoir,' upgrades the capacity of the current water storage and supply systems for the 200 Area to meet RLIP 5480.7 and the National Fire Protection Association standards. The scope of Subproject B-604 includes upgrades to the existing water systems as required to provide an independent water supply capable of meeting fire flow demands simultaneous with peak process and domestic demands for a period of not less than four hours.

Subproject B-690, 'Steam System Safety and Productivity Upgrade,' upgrades and/or replaces existing electrical service, circuits and components in the 44 year old steam generation facilities in the 200 Areas. The subproject will bring the facilities into compliance with current safety codes, correct safety deficiencies, and provide a reliable electrical distribution system for operations.

Subproject L-001, 'Fire Water Storage and Distribution Upgrade,' for the 300 Area provides upgrades to the existing water systems as required to provide an independent water supply capable of meeting fire flow demands simultaneous with peak process and domestic demands for a period of not less than four hours. It consists of a new ground supported steel tank with a capacity of approximately 800,000 gallons and two new diesel powered fire pumps housed in a new building. The fire pumps will be capable of pumping about 3,000 gallons per minute each. The diesel engine powering

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the pumps will start automatically when water pressure falls below a pre-determined value. The water distribution grid will be changed to accept the new tank and pumps. Chlorination systems for the new tank and for the existing 900,000 gallon storage tank will be provided by this project.

The new pumps will be located in a pre-engineered metal building, approximately 35 ft. by 50 ft. The building will also house the fuel system and an above-ground fuel tank of approximately 550 gallon capacity for each pump. The building will be heated, tied into the 300 Area fire alarm system, provided with wet pipe sprinkler systems and electrical power. All utilities used in this project will be connected to existing systems.

Two existing concrete water tanks (425,000 gallons total capacity) will be demolished. Two elevated gravity tanks (175,000 gallons total capacity) will be removed from service.

Item Funding:	1990	FY 1991	FY 1992	FY 1993	FY 1994	FY Line 90L-EWB-
468, Railroad						
Upgrade-Mainline	167	3,193	5,130	1,710	(600)	90L-
EWB-604, Water System						
Upgrade-Reservoir	3,142	3,612	2,403	2,543	2,400	90L-
EWB-690, Steam System						
Safety & Prod. Improve.	453	2,640	7	(100)	0	90L-
EWL-001, Fire Water						
Dist. & Storage Upgrades	375	1,425	1,300	400	0	
	4,137	10,870	8,840	4,553	1,800	Line Item Totals

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Project L-035 contains four subprojects, accomplishments to date are as follows:

Subproject B-468, Conceptual Design Report (CDR), Definitive Design (DD), material procurement and construction for the original scope were completed by June 1993. Definitive design for the added scope started in January 1994 and procurement and construction start is planned for April 1994.

Subproject B-604, DD based upon the original CDR was completed in March 1992, but was not approved as a result of a criteria and Value Engineering (VE) assessment completed in September 1992. An implementation plan to incorporate the VE recommendations was issued October 15, 1992. An Advanced Conceptual Design was completed in October 1993. Subproject B-604 is expected to start definitive re-design in April 1994.

Construction for subproject B-690 was completed in FY 1992.

Subproject L-001 DD was completed and bid package preparation for

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construction initiated in March 1992. Design modifications identified during bid package preparation delayed award of a fixed price construction contract until November 1992. Construction is ongoing and was planned to be completed by March 31, 1994, forecasted completion date is April 30, 1994. Project closeout is scheduled for June 1994.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

Project L-035 contains four subprojects, Budget Year (FY 1995) descriptions are as follows:

Subproject B-468 completed the original scope in FY 1993. The additional scope has scheduled construction completion for December 1994.

Subproject B-604 is expected to complete definitive re-design in June 1995. Construction is scheduled to start in June 1995.

Subproject B-690 will have no activities; construction completed in FY 1992.

Subproject L-001 construction activities will be completed in FY 1994.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Project L-035 contains four subprojects, Planning Year (FY 1996) descriptions are as follows:

Subproject B-468 will have no activities; completed in FY 1995.

Subproject B-604 construction will be ongoing in FY 1996.

Subproject B-690 will have no activities; construction completed in FY 1992.

Subproject L-001 will have not activities; completed in FY 1994.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Project L-035 contains four subprojects, Outyears FY 1997-2000 descriptions are as follows:

Subproject B-468 will have no activities; completed in FY 1995.

Subproject B-604 construction is scheduled for completion in February 1997 and project closeout is planned for May 1997.

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Subproject B-690 will have no activities; construction completed in FY 1992.

Subproject L-001 will have no activities; completed in FY 1994.

Impacts/Assumptions(Limit 42 lines or less):

Subproject B-604, 'Water System Upgrades-Reservoir is a 1990 line item project needed to upgrade the present fire protection water system for the 200 East and 200 West Areas to provide a second independent fire water source as required by DOE 6430.1A, 5470.7 and RLIP 5480.7.

Over 95% of the approved TEC will be spent or committed by the close of FY 1995. A delay in completing this project will impact the ability of the 242-A Evaporator to operate after 1996. In addition, a delay in completing this project beyond the date of construction completion will impact the ability of the facilities to become operational unless waivers are approved. Should this project be canceled, new non reactor nuclear facilities will be required to individually provide a second, independent fire water source which would add significant cost to each facility.

Supporting Documents(Limit 5 lines or less):

RLIP 5480.7, DOE 5480.7, DOE 6430.1A, and NFPA.

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE 5480.7, Fire Protection; DOE 6430.1A, General Design Criteria;

National Fire Protection Agency

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Operations Office: RL ID No.: 6680- 4 Revision Date: 4/23/1994
ADS Title: 94-L-070, 300 AREA PROCESS SEWER PIPING SYSTEM UPGRADE
WBS No.: 1.6.8.2.5.15 Category: FT Appr.:
Project Title: 94-D-412, 300 AREA PROCE Facility/WAG: 300 AREA PROCESS SEWER
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 94-D-412 TPC: 11700 TEC: 9900
Contig: 1500
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 100 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: N IAG: N OSHA: N ORD: N ST: N TRI: Y FED: N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	96	350		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	1,100	7,800		D	1,395	1,395	1,395	0
				E	0	0	0	0
TOTAL	1,196	8,150		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	1,395	1,395	1,395	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	395
CE	0
GPP	0
LI	1,000
TOTAL	1,395

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	395	225	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,000	0	0	0	0
TOTAL	1,395	225	0	0	0

FTEs	FY94	FY95
Direct	0	3
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	3	2	0	0	0
Indirect	2	2	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	395	225	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,000	0	0	0	0
TOTAL	1,395	225	0	0	0

FTEs	FY94	FY95
Direct	0	3
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	3	2	0	0	0
Indirect	2	2	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 94-L-070, 300 AREA PROCESS SEWER									
APPROP: D									
B&R	FY94 APPR	FY95 PRES	FY95 APPR			A	0	0	0
						B	0	0	0
						C	0	0	0
						D	1,395	1,395	1,395
EW7030000	96	350				E	0	0	0
35EW70300	0	0				F	0	0	0
39EW70300	0	0				G	0	0	0
39EW70300	1,100	7,800				H	0	0	0
						I	0	0	0
TOTAL	1,196	8,150				TOTAL	1,395	1,395	1,395

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	395
35EW70300	0
39EW70300	0
39EW70300	1,000
TOTAL	1,395

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	395	225	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,000	0	0	0	0
TOTAL	1,395	225	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	395	225	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,000	0	0	0	0
TOTAL	1,395	225	0	0	0

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— A106 Cross References —

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

— Tiger Team Cross References —

Tiger Team Finding Number: _____ Date: _____
Title: _____

— FY95-99 ADS Cross References —

ADS #: RL 6676 0
Title: 94-L-070, 300 AREA PROCESS SEWER PIPING SYSTEM UPGRADE
Transferred in its entirety: Y
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

— MILESTONES —

Milestone No.: NONE Milestone Seq: 6680-04-0005 TPA MS NO.: M-17-06J
Title: INITIATE DEFINITIVE DESIGN, 300A PROCESS SEWER PIPING SYS. UPGR.
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1994 1/31/1994 PTS: N SMS: Y
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
INITIATE DEFINITIVE DESIGN FOR PROJECT L-070, 300 AREA PROCESS SEWER PIPING UPGRADES. COMPLETED 1/31/94.

Milestone No.: NONE Milestone Seq: 6680-04-0015 TPA MS NO.: M-17-06J
Title: COMPLETE DEFINITIVE DESIGN, 300A PROCESS SEWER PIPING SYS. UPGR.
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/01/1995 2/01/1995 PTS: N SMS: Y
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE DEFINITIVE DESIGN FOR PROJECT L-070, 300 AREA PROCESS SEWER PIPING UPGRADES.

— MILESTONES Continued —

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6680-04-0010 TPA MS NO.: M-17-06K

Title: START CONSTRUCTION (94-L-070)

Planning Date Target Date Decrement Date Level: FO Keyword: O
2/28/1995 2/28/1995 PTS: N SMS: Y

Driver Name: TRI Driver Reference: TPA

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

INITIATE CONSTRUCTION FOR PROJECT L-070, 300 AREA PROCESS SEWER PIPING UPGRADES.

Milestone No.: NONE Milestone Seq: 6680-04-0020 TPA MS NO.: M-17-06J

Title: SUBMIT DESIGN DOCUMENTATION FOR PROCESS SEWER REPLACEMENT

Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1995 4/30/1995 PTS: N SMS: Y

Driver Name: TRI Driver Reference: TPA

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

TRI-PARTY AGREEMENT M-17-06J, "SUBMIT DESIGN DOCUMENTATION FOR THE 300 AREA PROCESS SEWER PIPING REPLACEMENT TO EPA AND ECOLOGY BY APRIL 1995."

Milestone No.: NONE Milestone Seq: 6680-04-0030 TPA MS NO.: M-17-06K

Title: COMPLETE CONSTRUCTION, 300A PROCESS SEWER PIPING SYSTEM UPGRADE

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: Y

Driver Name: TRI Driver Reference: TPA

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

COMPLETE CONSTRUCTION FOR PROJECT L-070, 300 AREA PROCESS SEWER PIPING UPGRADES.

Milestone No.: NONE Milestone Seq: 6680-04-0035 TPA MS NO.: M-17-06K

Title: PROJECT CLOSEOUT (94-L-070)

Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1996 12/31/1996 PTS: N SMS: Y

Driver Name: TRI Driver Reference: TPA

PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

PROJECT CLOSEOUT FOR PROJECT L-070, 300 AREA PROCESS SEWER PIPING UPGRADES.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6680-04-0025 TPA MS NO.: M-17-06K
Title: REPLACE PROCESS SEWER PIPING
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1997 6/30/1997 PTS: N SMS: Y
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
TRI-PARTY AGREEMENT M-17-06K, "REPLACE THE 300 AREA PROCESS SEWER PIPING BEGINNING AT FIVE FEET OUTSIDE THE CONTRIBUTOR BUILDINGS AND REPLACING THE PIPING UP TO THE INTERFACT POINT INTO THE 300 AREA TREATED EFFLUENT DISPOSAL FACILITY BY JUNE 1997."

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:42:34

Technical Scope Summary(Limit 15 line or less):

This activity includes all costs all costs specific to a Line Item project for the replacement of the 300 Area process sewer collection system. The existing 50 year old pipe was used for many years for unregulated discharge of hazardous and radioactive materials. Limited inspection indicated the piping is deteriorated and possibly allowed liquids to be released to the ground. It is planned to replace about 34,000 lineal feet of suspect vitreous clay pipe with about 22,000 lineal feet of smaller diameter high integrity plastic pipe. The new collection network will be a combination of vacuum, gravity and pressurized systems connected to about 37 buildings. The new piping nominally starts five feet from connected buildings and discharges to a new collection station provided by another project in the northern part of the 300 Area. There are two TPA milestones associated with the project to 1) submit design documentation by April 1995, and 2) complete replacement of the piping by June 1997.

Technical Scope Detail(Limit 104 lines or less):

This activity includes the necessary design, safety and construction for the 300 Area Process Sewer Piping Upgrades. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'. The existing 300 Area Process Sewer Piping system primarily consists of 34,500 lineal feet of mostly vitreous clay pipe connected to approximately 60 facilities, many of which were installed in the early 1940s. The process sewer piping was used previously for unregulated discharge of hazardous and low activity radioactive materials such as uranium, acids, solvents, organics and other chemicals used throughout the laboratories. Limited in-pipe television inspection of the existing process sewer piping was performed to determine

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the general condition. This inspection revealed a significant number of cracks and accumulation of debris in the pipe. Project L-070 will replace the deteriorated and previously used piping with high integrity piping to ensure that liquids are not released to the ground prior to reaching the newly planned treatment facility (L-045H, 300 Area Treated Effluent Disposal Facility) or the City of Richland Public Owned Treatment Works (POTW). It is planned to replace the piping starting about five feet from the connected facilities to the final discharge. Collection stations and shallow buried piping are planned for the sewer system replacements. Since other process water flow reduction efforts are underway to reduce the quantity of process water, new connection to only about 37 buildings will be required.

The 300 Area Process Sewer Piping System currently discharges about 250 gallons per minute of water to a 1,500 foot long trench located to the north of 300 Area. As part of the Tri-Party Agreement, it was agreed to terminate discharge to the trench and to provide a treated effluent disposal system for the 300 Area Process Water by December 1994.

Tri-Party Agreements in regard to the Project L-070 include M-17-06J, 'Submit design documentation for the 300 Area Process Sewer piping replacement to EPA and Ecology by April 1995,' and M-17-06K, 'Replace the 300 Area Process Sewer piping beginning at five feet outside the contributor buildings and replacing the piping up to the interface point into the 300 Area Treated Effluent Disposal Facility by June 1997.' This project is designated as a Priority 2. The activities included in the project are associated with meeting agreements between DOE, state, and federal agencies.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Activities completed to date include an engineering study, a functional design criteria, conceptual design report, construction project data sheet, project validation, value engineering study, safety evaluation, NEPA activity description memorandum, environmental assessment, and initiation of an advanced conceptual design report to review an alternative vacuum piping system recommended by the value engineering study. During FY 1994, the environmental assessment will be submitted to State and Indian reviewers and comments incorporated. The requirement for environmental permits will be reviewed and permitting activities commenced. The advanced conceptual design report, revision to the functional design criteria, a project management plan, and request for project authorization will be completed in February. Definitive design was initiated in January 1994, following preparation of the architect/engineer statement of work.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343K. These

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NARRATIVE Continued

adjustments may require a FY 1995 budget amendment.

In FY 1995, Definitive Design completion is scheduled in February, and will be followed by a bid and award for the fixed price construction portion of the project. Construction is estimated to be initiated in late February 1995 by onsite construction forces and by April 1995 for the fixed price contractor. Permitting completes in April 1995. Cultural resource support, Health Physics support, field services for disposal of contaminated soils, and preoperational surveys of the areas to be disturbed will be conducted. Design documentation will be submitted to regulatory agencies for information.

Planning Year (FY 1996) Description(Limit 156 lines or less):

During FY 1996, the construction activities and cultural resource field support will continue and be completed in September. Health Physics support, field services for disposal of contaminated soils and postoperational surveys of the disturbed areas will be conducted. Operator training and selected operation acceptance testing will be initiated and performed. A readiness review will be prepared and conducted.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

The project close-out and completion of project activities will be in December 1996. Supporting activities during this period include those for closeout, plus activities required for operational startup. These include procedure development, continuation of operator training, and conducting operations acceptance tests.

Impacts/Assumptions(Limit 42 lines or less):

The key assumptions related to the cost/schedule activities is that the alternative vacuum transport system (recommended in the Value Engineering Study) does not cause an increase in either the cost or schedule. It is also assumed that continued safety evaluations will confirm that the project is classified as a non nuclear facility.

Supporting Documents(Limit 5 lines or less):

Tri-Party Agreement M-17-06 and M-17-09.

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

TRI:

TPA M-17-06J-SUBMIT DES. DOC. FOR 300A PROC. SEWER PIPING REPL TO EPA AND
ECOLOGY BY 4/95; TPA M-17-06K-REPLACE 300A PROC. SEWER PIPING BEGINNING AT
5' OUTSIDE THE CONTRIBUTOR BLDGS AND REPL THE PIPING UP TO INTERFACE PT.
INTO 300A TEDF BY 6/97.

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Operations Office: RL ID No.: 6680- 5 Revision Date: 4/21/1994
ADS Title: 92-L-044, HANFORD INFRASTRUCTURE, UNDERGROUND STORAGE TANKS
WBS No.: 1.6.8.2.5.8 Category: FT Appr.:
Project Title: 92-D-184, 325 FACILITY C Facility/WAG: UNDERGROUND STORAGE TANKS
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 92-D-184 TPC: 4702 TEC: 4300
Contig: 800
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: N IAG: N OSHA: N ORD: N ST : Y TRI: N FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			
					DECREMENT	TARGET	PLAN	IMM RISK
OE	43	31		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	300	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	343	31		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95			
Direct	0	0			
Indirect	0	0			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95			
Direct	0	0			
Indirect	0	0			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
FY96 Field Submission
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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: 92-L-044, HANFORD INFRASTRUCTURE									
APPROP: D									
B&R	FY94 APPR	FY95 PRES	FY95 APPR		A	0	0	0	0
					B	0	0	0	0
					C	0	0	0	0
					D	0	0	0	0
EW7030000	43	31			E	0	0	0	0
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	300	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	343	31			TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6677 0

Title: 92-L-044, HANFORD INFRASTRUCTURE, UNDERGROUND STORAGE TANKS

Transferred in its entirety: Y

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE

Milestone Seq: 6680-05-0010

TPA MS NO.: NONE

Title: COMPLETE CONSTRUCTION HANFORD INFRASTRUCTURE UNDERGROUND STOR TK

Planning Date

Target Date

Decrement Date

Level: FO

Keyword: O

12/30/1994

12/30/1994

PTS: N

SMS: Y

Driver Name: FED

Driver Reference: 40 CFR 280-281

PRESENT IN

Tiger Team: N

Program Execution Guidance: N

Roadmap: N

Current Year Workplan: N

Safety and Health: N

Description:

NONE.

MILESTONES Continued

Environmental Management
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~~MILESTONES Continued~~

Milestone No.: NONE Milestone Seq: 6680-05-0005 TPA MS NO.: NONE
Title: PROJECT CLOSE-OUT (L-044)
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1995 1/31/1995 PTS: N SMS: Y
Driver Name: FED Driver Reference: 40 CFR 280-281
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PROJECT CLOSE-OUT, PROJECT 92-L-044, HANFORD INFRASTRUCTURE UNDERGROUND STORAGE
TANKS.

~~NARRATIVE~~

LAST UPDATE: 04-23-1994 TIME: 15:43:31

Technical Scope Summary(Limit 15 line or less):

The Underground Storage Tank (UST) project provides the necessary capital funds to upgrade and/or remove petroleum tanks on the Hanford Site to conform with recently enacted Environmental Protection Agency (EPA) and Washington State regulations. Consolidation of three fuelling facilities into one 200 East station will also be included within the scope of this project. Approximately 23 tanks are to be removed in this project and 11 tanks will be replaced.

Technical Scope Detail(Limit 104 lines or less):

This activity is intended to ensure that fuel storage tanks operated by general purpose facilities will be in compliance with State and Federal environmental laws regarding constant leak detection, corrosion protection, spill/overflow prevention, inventory and control methods.

This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Architect/Engineer selection has been made and construction activities will begin.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

In FY 1995 construction activities will be complete in December 1994.
Project completion is scheduled for January 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

There will be no activity in FY 1996.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

There will be no activity in FY 1997-2000.

Impacts/Assumptions(Limit 42 lines or less):

Environmental laws remaining consistent with the current design base are assumed. Changes in laws or regulations concerning underground storage tanks could significantly impact this activity.

Not funding this line item will result in violation of the Federal and State Laws (see Regulatory Drivers listed below).

Supporting Documents(Limit 5 lines or less):

40 CFR 280-281, Technical Standards and Corrective Action Requirements for Owners and Operations of UST.

Washington State Administrative Code 173-360 UST Regulations requires implementation of 40 CFR 280-281, 4.3M, 1998.

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program mission.

(b) Reduce non-compliance items by 10%.

~~DESCRIPTION OF REGULATORY DRIVERS~~

FED:

40 CFR 280-281, Technical Standards and Corrective Action Requirements for Owners and Operations of UST

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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FY96 Field Submission
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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

Washington Administrative Code, 173-360, UST Regulations requires
implementation of 40CFR 280-281, 4.3M, 1998.

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Date: 6/01/1994 Time: 14:04

Operations Office: RL ID No.: 6680- 6 Revision Date: 4/21/1994
ADS Title: 92-L-019, ROAD, GROUND & LIGHTING SAFETY IMPROVE. 300/1100 AREAS
WBS No.: 1.6.8.2.5.9 Category: FT Appr.:
Project Title: 92-D-185, ROAD, GROUND, Facility/WAG: 300/1100 AREAS
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 92-D-185 TPC: 7600 TEC: 7300
Contig: 1100
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: N IAG: N OSHA: N ORD: N ST : N TRI : N FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	45	18	A		0	0	0	0
CE	0	0	B		0	0	0	0
GPP	0	0	C		0	0	0	0
LI	0	0	D		0	0	0	0
			E		0	0	0	0
TOTAL	45	18	F		0	0	0	0
			G		0	0	0	0
			H		0	0	0	0
			I		0	0	0	0
			TOTAL		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

Environmental Management
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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
FY96 Field Submission
Activity Data Sheet

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 92-L-019, ROAD, GROUND & LIGHTIN								
APPROP: D								
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0	0
				B	0	0	0	0
				C	0	0	0	0
				D	0	0	0	0
EW7030000	45	18		E	0	0	0	0
35EW70300	0	0		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	45	18		TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

Environmental Management
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A106 Cross References

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 6678 0
Title: 92-L-019, ROAD, GROUND, AND LIGHTING SAFETY IMPROVEMENTS, 300/1100
Transferred in its entirety: Y
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-06-0005 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN (92-L-019)
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/31/1994 5/31/1994 PTS: N SMS: Y
Driver Name: FED Driver Reference: 10 CFR 122
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
DEFINITIVE DESIGN WILL BE APPROVED BY THE EC.

Milestone No.: NONE Milestone Seq: 6680-06-0010 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION (92-L-019)
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1995 4/30/1995 PTS: N SMS: Y
Driver Name: FED Driver Reference: 10 CFR 122
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE OFFICIAL ACCEPTANCE OF CONSTRUCTION, SECTION I, WILL BE APPROVED.

MILESTONES Continued

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~~MILESTONES Continued~~

Milestone No.: NONE Milestone Seq: 6680-06-0015 TPA MS NO.: NONE
Title: PROJECT CLOSE-OUT (92-L-019)
Planning Date 7/31/1995 Target Date 7/31/1995 Decrement Date Level: FO Keyword: O
PTS: N SMS: Y
Driver Name: FED Driver Reference: 10 CFR 122
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PROJECT CLOSE-OUT ON PROJECT L-019, ROAD, GROUND AND LIGHTING SAFETY IMPROVEMENTS,
300/1100 AREAS.

~~NARRATIVE~~

LAST UPDATE: 04-23-1994 TIME: 15:44:32

Technical Scope Summary(Limit 15 line or less):

Project L-019, 'Road Ground and Lighting Safety Improvement, 300/1100 Areas,' is a Fiscal Year 1992 Line Item construction project. The project will provide replacement and upgrades to deteriorated and unsafe roadways, parking lots, bus loading areas, sidewalks, lighting and storm drainage. The project will be conducted in the 300 and 1100 Areas of the Hanford Site.

Technical Scope Detail(Limit 104 lines or less):

This activity is intended to upgrade the deteriorated and inadequate roads, parking lots, drainage, and lighting in the 1100 Area and portions of the 300 Area of the Hanford site. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'. Additional storage space for excess material processing will be provided in the 1100 Area. New pedestrian walkways will be provided to enhance safety. The Definitive Design (DD) is being performed by the onsite Engineer/Contractor (EC). The construction will be performed by a contractor, selected on the basis of a competitive fixed price bid.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Documentation completed and approved to date include an Engineering Study, FDC; CDR, and a Construction Project Data Sheet. The project was validated in 1990 following an April 17, 1990 presentation. A Supplemental Design Criteria Requirements Document was prepared in July 1990 to provide technical guidelines for the project. National Environmental Policy Act (NEPA) documentation was completed with approval of a memo-to-file (categorical exclusion) in September of 1990.

~~NARRATIVE Continued~~

Environmental Management
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NARRATIVE Continued

The project was authorized for definitive design in February of 1992 and will be completed in May of 1994. Construction contracts were awarded for the 1100 Area and a portion of the 300 Area in November of 1993. Construction contracts for the remainder of the 300 Area construction will be awarded in June of 1994.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

All construction will be completed in April 1995 and the project will be closed in July.

Planning Year (FY 1996) Description(Limit 156 lines or less):

There is no FY 1996 activity for this project.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

There is no outyear activity for this project.

Impacts/Assumptions(Limit 42 lines or less):

None.

Supporting Documents(Limit 5 lines or less):

The National Pollutant Discharge Elimination System (NPDES) requirements, 10CFR122, drives the need for improved roadway and parking lot collection and drainage systems. Consequences of not conforming to the NPDES are fines and imprisonment.

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS Continued

Environmental Management
FY96 Field Submission
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DESCRIPTION OF REGULATORY DRIVERS Continued

FED:

The National Pollutant Discharge Elimination System (NPDES) requirements, 10CFR122, drives the need for improved roadway and parking lot collection and drainage systems.

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Date: 6/01/1994

Page: 1
Time: 14:05

Operations Office: RL ID No.: 6680- 7 Revision Date: 4/21/1994
ADS Title: 93-L-073, LANDLORD PROGRAM SAFETY COMPLIANCE, PHII
WBS No.: 1.6.8.2.5.13 Category: FT Appr.:
Project Title: 93-D-185, LANDLORD PROG Facility/WAG: 300 AREA
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 93-D-185 TPC: 2726 TEC: 2200
Contig: 400
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	21	31		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	1,351	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	1,372	31		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 93-L-073, LANDLORD PROGRAM SAFET									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7030000	21	31			E	0	0	0	0
35EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
39EW70300	1,351	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	1,372	31			TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

Environmental Management
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Date: 6/01/1994 Time: 14:05

A106 Cross References

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 6679 0
Title: 93-L-073, LANDLORD PROGRAM SAFETY COMPLIANCE - PHASE II
Transferred in its entirety: Y
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-07-0005 TPA MS NO.: NONE
Title: START CONSTRUCTION, PROJECT L-097
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/14/1994 2/14/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.7
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
CONSTRUCTION FOR L-097 WILL PHYSICALLY START. COMPLETED 11/15/93.

Milestone No.: NONE Milestone Seq: 6680-07-0010 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN, PROJECT L-097
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/29/1994 4/29/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.7
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DEFINITIVE DESIGN FOR L-097 WAS COMPLETED ON 4/15/94.

MILESTONES Continued

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~~MILESTONES Continued~~

Milestone No.: NONE Milestone Seq: 6680-07-0015 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION, PROJECT L-097
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/31/1995 5/31/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONSTRUCTION FOR L-097 WILL BE COMPLETE AND BE TURNED OVER TO OPERATIONS.

Milestone No.: NONE Milestone Seq: 6680-07-0020 TPA MS NO.: NONE
Title: COMPLETE PROJECT L-097
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/15/1995 9/15/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
PROJECT L-097 WILL BE CLOSED OUT AND COST CLOSING STATEMENT WILL BE ISSUED AND FINAL.

~~NARRATIVE~~

LAST UPDATE: 04-23-1994 TIME: 15:45:39

Technical Scope Summary(Limit 15 line or less):

93-L-073, Safety Compliance, Phase II consists of subproject L-097, 'Fire Alarm System Improvements, 300 Area' and subproject L-025, 'Railroad Upgrade-Richland Yard,' which was canceled in Fiscal Year (FY) 1993 prior to initiation of Definitive Design (DD).

Subproject L-097, 'Fire Alarm System Improvements, 300 Area', will upgrade existing deficient fire alarm systems in sixteen selected 300 Area general purpose facilities to meet National Fire Protection Association (NFPA) requirements and replace obsolete equipment.

Technical Scope Detail(Limit 104 lines or less):

93-L-073, Safety Compliance, Phase II consists of subproject L-097, 'Fire Alarm System Improvements, 300 Area' and subproject L-025, 'Railroad Upgrade-Richland Yard,' which was canceled in Fiscal Year (FY) 1993 prior to initiation of Definitive Design (DD).

This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious

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~~NARRATIVE Continued~~

accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'.

Subproject L-097, 'Fire Alarm System Improvements, 300 Area', will upgrade existing deficient fire alarm systems in sixteen selected 300 Area general purpose facilities. This will include conversion of shunt type fire alarm systems to local energy type systems, replacement of obsolete fire alarm equipment with new fire alarm equipment, replacement of alternating current (AC) bells with direct current (DC) bells, replacement of fire alarm control panels to comply with National Fire Protection Association (NFPA) codes, as identified in the Regulatory Driver section of this ADS, for supervised alarm and release controls for extinguishing systems (ie, halon or deluge systems), and changing the wiring between fire alarm control panels and radio master boxes as appropriate to include indications of alarmed zones.

Conversion of shunt type fire alarm systems to local energy type systems is required because shunt type systems have no supervision, warning and fire signals are not differentiated, and signals go directly to the Hanford Site Fire Department without visual indication of alarmed zones. AC bells will be replaced with DC bells for compatibility with supervised fire alarm control panels.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Project L-073 Engineering Studies and Functional Design Criteria were completed in FY 1990. The Conceptual Design Reports, Project Validations, and Environmental Documentation were completed in FY 1991. Subproject L-097 has been authorized and DD was initiated in January 1993. Subproject L-025 was terminated in FY 1993 prior to capital authorization after RL reassessment of the project need. In FY 1994, Project L-073 DD is scheduled to complete. Subproject L-097 DD was completed in April 1994. Onsite construction started in November 1993 and fixed price construction is planned to start in April 1994.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

In FY 1995, Project L-073 will be completing construction and subproject closeout activities.

Subproject L-097 is scheduled for completion of construction activities in May 1995 and closeout in September 1995.

~~NARRATIVE Continued~~

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NARRATIVE Continued

Subproject L-025 plans no activity in FY 1995 due to project termination in FY 1993.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Project L-073 plans no activity in FY 1996 due to closeout of the subprojects in FY 1995.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Project L-073 plans no activity in the outyears due to closeout of the subprojects in FY 1995.

Impacts/Assumptions(Limit 42 lines or less):

Project L-073 consists of two subprojects, the Impacts/Assumptions are as follows:

Subproject L-097 TEC is based on the current NFPA codes and interpretations. Asbestos handling issues may affect project cost and schedule.

The L-025 subproject is no longer needed based on recent Hanford Railroad System assessments and current usage. Any system upgrade of this section of the Railroad will be pursued as safety and operational needs dictate.

Supporting Documents(Limit 5 lines or less):

NFPA 72
DOE 5480.7
NFPA 101

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE 5480.7, Fire Protection; National Fire Protection Agency 72 and 101.

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Operations Office: RL ID No.: 6680- 8 Revision Date: 4/18/1994
ADS Title: 95-L-102, PRIMARY HIGHWAY ROUTE - NORTH OF WYE BARRICADE
WBS No.: 1.6.8.2.5.16 Category: FT Appr.:
Project Title: 95-D-453, PRIMARY HIGHWAY Facility/WAG: PRIMARY HIGHWAY
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 95-D-XXX TPC: 20300 TEC: 19100
Contig: 2900
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	278	58		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	1,500		D	0	0	0	0
				E	8,156	8,156	8,156	8,156
TOTAL	278	1,558		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	8,156	8,156	8,156	8,156

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	56
CE	0
GPP	0
LI	8,100
TOTAL	8,156

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	56	59	60	36	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	8,100	5,400	4,100	0	0
TOTAL	8,156	5,459	4,160	36	0

FTEs	FY94	FY95
Direct	0	1
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	1	1	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	56	59	60	36	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	8,100	5,400	4,100	0	0
TOTAL	8,156	5,459	4,160	36	0

FTEs	FY94	FY95
Direct	0	1
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	1	1	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM	RISK
TITLE: 95-L-102, PRIMARY HIGHWAY ROUTE									
APPROP: D									
				A	0	0	0	0	0
				B	0	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0	0
				D	0	0	0	0	0
EW7030000	278	58		E	8,156	8,156	8,156	8,156	8,156
35EW70300	0	0		F	0	0	0	0	0
39EW70300	0	0		G	0	0	0	0	0
39EW70300	0	1,500		H	0	0	0	0	0
				I	0	0	0	0	0
TOTAL	278	1,558		TOTAL	8,156	8,156	8,156	8,156	8,156

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	56
35EW70300	0
39EW70300	0
39EW70300	8,100
TOTAL	8,156

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	56	59	60	36	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	8,100	5,400	4,100	0	0
TOTAL	8,156	5,459	4,160	36	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	56	59	60	36	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	8,100	5,400	4,100	0	0
TOTAL	8,156	5,459	4,160	36	0

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Al06 Cross References

Al06 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6681 0

Title: 95-L-102, PRIMARY HIGHWAY ROUTE - NORTH OF WYE BARRICADE

Transferred in its entirety: Y

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-08-0005 TPA MS NO.: NONE
Title: COMPLETE CONCEPTUAL DESIGN REPORT (95-L-102)
Planning Date Target Date Decrement Date Level: HQ Keyword: 0
1/31/1994 1/31/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
COMPLETED 1/31/94.

Milestone No.: NONE Milestone Seq: 6680-08-0010 TPA MS NO.: NONE
Title: START DEFINITIVE DESIGN (95-L-102)
Planning Date Target Date Decrement Date Level: FO Keyword: 0
1/15/1995 1/15/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
NONE.

MILESTONES Continued

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~~MILESTONES Continued~~

Milestone No.: NONE Milestone Seq: 6680-08-0015 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN (95-L-102)
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1995 12/31/1995 12/31/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
NONE.

Milestone No.: NONE Milestone Seq: 6680-08-0020 TPA MS NO.: NONE
Title: START CONSTRUCTION (95-L-102)
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/15/1996 1/15/1996 1/15/1996 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
NONE.

Milestone No.: NONE Milestone Seq: 6680-08-0025 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
NONE.

~~NARRATIVE~~

LAST UPDATE: 04-23-1994 TIME: 15:51:16

Technical Scope Summary(Limit 15 line or less):

The following improvements will be made in accordance with Washington State Department of Transportation (WSDOT) standards:

Phase I; Construct two new lanes along the north side of the existing two lanes of Route 4 from the Wye Barricade to Baltimore Ave., a total distance of about 8.3 miles. This will provide a four-lane divided highway from the Wye Barricade to the main entrance to the 200 East Area at Baltimore

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

Avenue. Phase II; Construct a new, two-lane highway between the 200 East Area and the 200 West Area to provide a connecting route between Route 4 and the new access road from State Route 240 to the 200 West Area. Phase III; This project includes upgrading the existing two lanes of Route 4 from the Wye Barricade to Baltimore Avenue.

Technical Scope Detail(Limit 104 lines or less):

Most of Hanford's roads were built in the early 1940s as part of the wartime effort to support the Manhattan Project, and subsequently do not meet current design criteria for lane width, shoulder width and shoulder slope, horizontal and vertical alignment, road subgrade, pavement strength and drainage provisions.

This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'.

Hanford missions and programs have changed significantly resulting in the generation of considerable more traffic volumes in the 200 Areas. The highway system must support major projects which include the Hanford Waste Vitrification Plant, Pretreatment Complex, Initial Pretreatment Module, Multitank Waste Storage Facility, Tank Farms, Solid Waste Operations Complex, 200 Area Environmental Restoration Disposal Facility and In Situ Burial Ground Closures.

Traffic volume on the Hanford Site increased 48 percent from 1989 to 1992 during the AM peak period. The duration for critical traffic volumes is expected to increase from the current three hours a day to six hours a day. In addition, an increase in heavy equipment traffic is expected over the next ten years as a result of environmental restoration activities.

The current Hanford accident rate is three times higher than for comparable highways in Washington State. The Hanford government vehicle accident rate alone, from 1990 to 1991, were 2.0 accidents per million vehicle miles (MVM) in 1990 as compared to 3.3 accidents per MVM in 1991. This accident rate comparison is even more significant when you consider that government vehicles are usually used by employees during daylight hours, during periods of low traffic volumes, and that state records include accidents that are alcohol related and occur during evening hours. A Planning Priority Grid (PPG) risk analysis was performed and a risk factor of 1506 was established. The probability of a serious accident and/or fatality is considered extremely probable if the highway is not upgraded within the next two years.

The following improvements will be made in accordance with Washington State Department of Transportation (WSDOT) standards:

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NARRATIVE Continued

Phase I:

Construct two new lanes along the north side of the existing two lanes of Route 4 from the Wye Barricade to Baltimore Avenue, a total distance of about 8.3 miles. This will provide a four-lane divided highway from the Wye Barricade to the main entrance to the 200 East Area at Baltimore Avenue. A new transition lane would be constructed at the north side of the Wye Barricade for vehicles turning north onto Route 2S.

Phase II:

Construct a new, two-lane highway between the 200 East Area and the 200 West Area to provide a connecting route between Route 4 and the new access road from the State Route 240 to the 200 West Area. The work shall include:

A. Construct a new two-lane highway starting from the existing curve on Route 4 (near the southwest corner of the 200 East Area) and extending westward approximately 2.6 miles to the existing 16th Street/Albany Avenue intersection in the 200 West Area. The new road shall essentially meet the current WSDOT requirements for a P2 highway. Perform security fence modifications near the 16th Street/Albany Avenue intersection as required for the new roadway.

B. Construct a new intersection on the new east-west highway between the 200 East and 200 West Areas for traffic entering from or exiting to the north on Route 5. Total length of the new connection is approximately 0.21 miles.

C. Upgrade approximately 0.8 miles of Route 4 between Baltimore Avenue and the beginning of the new two lane road.

D. Upgrade and widen approximately 0.4 miles of 16th Street in the 200 West Area between Albany Avenue and Beloit Avenue. The upgrade shall include, as a minimum, widening the existing lanes to 12 feet, new shoulders, side slopes, drainage devices, a new overlayment of asphalt concrete, re-striping, and traffic control devices as required. Also, reconstruct the 16th Street/Beloit Avenue intersection.

Phase III:

This project includes upgrading the existing two lanes of Route 4 from the Wye Barricade to Baltimore Avenue. The upgrade would include new shoulders, side slopes, drainage devices, planing existing pavement if required, a new overlayment of asphalt concrete, re-striping, and traffic control devices as required. The total length of roadway to be upgraded is approximately 8.3 miles.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

The conceptual design was completed in January 1994. Activities expected to be initiated in Fiscal Year (FY) 1994 include project validation in May and selection of an offsite A/E.

NARRATIVE Continued

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~~NARRATIVE Continued~~

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343K. These adjustments may require a FY 1995 budget amendment.

In FY 1995, definitive design will be initiated in January 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In FY 1996, activities include completion of definitive design in December 1995 and start of construction (prepare bid package) in January 1996.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In FY 1997, project construction activities will be ongoing.

In FY 98-2000, construction activities are scheduled for completion in September 1998.

Impacts/Assumptions(Limit 42 lines or less):

It is assumed that this project will be required to provide continued support for Long Term Waste Management Activity in the 200 Areas. All activity and milestones of this project are based on the assumption that funding will be made available to support the current project schedule.

Supporting Documents(Limit 5 lines or less):

DOE 5480.4, Environmental Protection, Safety and Health Protection Standards, Attach. 2, Section 2, g, establishes ANSI D6.1. Washington State Department of Transportation Standards (WSDOT) establishes service criteria, lane width, shoulder width, embankment slopes, sight distances at intersections, and etc.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS -Continued-

DOE:

DOE 5480.4, Environmental Protection, Safety and Health Protection Standards, Attachment 2, Section 2, g, establishes ANSI D6.1, as model for uniform traffic control devices for Hanford site streets and highways.

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Date: 6/01/1994 Time: 14:07

Operations Office: RL ID No.: 6680- 9 Revision Date: 4/21/1994
ADS Title: 91-B-524, 300 AREA ELECT. DIST. CONVER. & SAFETY IMPROVE., PHI
WBS No.: 1.6.8.2.5.7 Category: FT Appr.:
Project Title: 91-D-175, 300 AREA ELECT Facility/WAG: 300 AREA ELECTRICAL UTILITIES
Installation: HANFORD CID: RL10930 ZOVHD: 18
For Line Item Project: 91-D-175 TPC: 8089 TEC: 7800
Contig: 2300
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	29	0		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	1,500	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	1,529	0		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 91-B-524, 300 AREA ELEC DIST CON								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW7030000	29	0		E	0	0	0	0
35EW70300	0	0		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	1,500	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	1,529	0		TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

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Al06 Cross References

Al06 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 6683 0
Title: 91-B-524, 300 AREA ELEC DIST CONVERSION & SAFETY IMPROV, PHASE I
Transferred in its entirety: Y
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: _____ Milestone Seq: 6680-09-0005 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION 91-B-524, 300A ELEC. DIST CONV., PHASE I
Planning Date Target Date Decrement Date Level: HQ Keyword: 0
5/30/1994 5/30/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
FORECASTED COMPLETION DATE IS 11/30/94.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 6680-09-0010 TPA MS NO.: NONE
Title: PROJECT CLOSE-OUT, 91-B-524, 300A ELEC. DIST. & CONV., PHASE I
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
FORECASTED COMPLETION DATE IS 1/30/95.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:47:04

Technical Scope Summary(Limit 15 line or less):

This project will convert the outdated 2,400 volt electrical distribution circuits in the southern 300 Area to modern 13,800 volt circuits and place the distribution circuits underground. This includes converting obsolete series lighting circuits to parallel circuits and providing ducts for installation of communication and signal circuits in the areas being upgraded. The project is required in order to provide an electrical distribution system for the southern 300 Area which is safe, efficient, reliable, and maintainable. The project will also improve the lighting for the areas converted.

Technical Scope Detail(Limit 104 lines or less):

This project will convert the outdated 2,400 volt electrical distribution circuits in the southern 300 Area to modern 13,800 volt circuits and place the distribution circuits underground. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'. The project is required in order to provide an electrical distribution system for the southern 300 Area which is safe, efficient, reliable, and maintainable. The project will also improve the lighting for the areas converted.

The electrical distribution and lighting circuits in the Hanford 300 Area were originally constructed in the mid 1940s to serve World War II programs. The original main distribution circuits operate at the 2,400 volt level which is outdated and rarely found in industry today. These circuits are mixed with more modern 13,800 volt circuits added as electrical load requirements grew. Converting the 2,400 volt system is required to eliminate health and safety risks, comply with safety codes and

NARRATIVE Continued

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NARRATIVE Continued

standards, comply with site design criteria, and upgrade or eliminate obsolete systems. The original outdoor lighting circuits operate in series, have 2,400 volts at the fixtures, and use equipment which is obsolete. The modernized electrical distribution and lighting systems will provide greater reliability, allow for expansion as necessary, and provide more efficient lighting. This project will be conducted to support environmental restoration mission needs, as well as, meeting the lighting reduction requirements for the new site security initiative (Vision 2000) and energy conservation. New 13,800 volt power sources with associated equipment and new low voltage, parallel connected, lighting systems with high efficiency light fixtures will be provided.

The existing overhead multiple voltage system does not meet the National Electrical Safety Code (NESC) ANSI C2, Section 23 for safe working clearances, separation of cables, and shock prevention as required by DOE Orders 5480.4 (Attachment 2, Item 5). Existing utility poles are too close to streets and buildings, block emergency access, and are crowded with cables. The large number of main feeder circuits make the existing system complex and difficult to operate safely. Noncompliance with NESC requirements pose safety problems and make the system unreliable. Protection from electrical shock cannot always be ensured with the present system. Future load increases cannot be economically accommodated by the present system configuration. Replacement parts and equipment are becoming more difficult to obtain.

Improved system grounding will enhance safety by: (1) reducing possibility for electrical shock caused by stray step and touch potentials, (2) providing adequate means for connecting electrical safety grounds for personnel protection, (3) providing adequate ground fault current for positive operation of protective devices, (4) reducing the chance of thermal damage to cable shield wires during line-to-ground faults and (5) reducing the chance of damage to communication, signal and alarm circuits during faults.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

National Environmental Policy Act (NEPA) documentation (memo-to-file) was approved in February 1989. The definitive design was completed in September 1992 and the construction contract was awarded in January 1993. Physical construction was started in March 1993. In FY 1994, Fixed Price Construction will be completed in November 1994 with project completion in January 1995 (forecasted date).

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

NARRATIVE Continued

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NARRATIVE Continued

In FY 1995, the forecasted project completion date is January 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In FY 1996, no activity is planned, project completed in FY 1995.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In FY 1997-2000, no activity is planned, project completed in FY 1995.

Impacts/Assumptions(Limit 42 lines or less):

The extent of low level radioactive contaminated soil will not be known until construction and could impact cost and schedule. The handling of polychlorinated biphenyl (PCB) contaminated equipment was assumed to be outside of the project scope.

Supporting Documents(Limit 5 lines or less):

National Electrical Safety Code (NESC) ANSI C2
DOE 5480.4

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE 5480.4, Environmental Protection, Safety and Health Protection
Standards; National Electrical Safety Code (NECS) ANSI C2.

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Operations Office: RL ID No.: 6680- 10 Revision Date: 4/21/1994
ADS Title: 92-L-047, 300 AREA ELECT. DIST. CONVER. & SAFETY IMPROVE., PHII
WBS No.: 1.6.8.2.5.11 Category: FT Appr.:
Project Title: 92-D-187, 300 AREA ELECT Facility/WAG: 300 AREA ELECTRICAL UTILITIES
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 92-D-187 TPC: 13447 TEC: 13100
Contig: 2500
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	42	31		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	10,276	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	10,318	31		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 92-L-047, 300 AREA ELEC DISTR CO							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
EW7030000	42	31		E	0	0	0
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	10,276	0		H	0	0	0
				I	0	0	0
TOTAL	10,318	31		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	0
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	0	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number: Date:
Title:
Federal Facility Identification:
Region: Assessment:
Status: Progress:

Tiger Team Cross References

Tiger Team Finding Number: Date:
Title:

FY95-99 ADS Cross References

ADS #: RL 6684 0
Title: 92-L-047, 300 AREA ELECT DIST CONVERSION & SAFETY IMPROV, PHASE II
Transferred in its entirety: Y
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: Milestone Seq: 6680-10-0005 TPA MS NO.: NONE
Title: AWARD FIXED PRICE CONSTRUCTION CONTRACT (92-L-047)
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
11/04/1993 11/04/1993 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
AWARD FIXED PRICE CONSTRUCTION CONTRACT FOR PROJECT L-047, 300 AREA ELECTRICAL DISTRIBUTION CONVERSION AND SAFETY IMPROVEMENTS, PHASE II. COMPLETED 11/23/93.

Milestone No.: Milestone Seq: 6680-10-0010 TPA MS NO.: NONE
Title: START PHYSICAL CONSTRUCTION (92-L-047)
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
12/08/1993 12/08/1993 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
START PHYSICAL CONSTRUCTION FOR PROJECT L-047, 300 AREA ELECTRICAL DISTRIBUTION CONVERSION AND SAFETY IMPROVEMENTS, PHASE II. COMPLETED 12/08/93.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 6680-10-0015 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION (92-L-047)
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/19/1995 3/19/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE CONSTRUCTION FOR PROJECT L-047, 300 AREA ELECTRICAL DISTRIBUTION CONVERSION
AND SAFETY IMPROVEMENTS, PHASE II.

Milestone No.: Milestone Seq: 6680-10-0020 TPA MS NO.: NONE
Title: COMPLETE PROJECT (92-L-047)
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/19/1995 6/19/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:48:20

Technical Scope Summary(Limit 15 line or less):

This project will convert the outdated 2,400 volt electrical distribution circuits in the northern 300 Area to modern 13,800 volt circuits and place the distribution circuits underground. This includes converting obsolete lighting circuits and providing ducts for installation of communication and signal circuits in the areas being upgraded. It is required in order to provide an electrical distribution system which is safe, efficient, reliable, and maintainable. The deficient electrical distribution and lighting circuits operate at the 2,400 volt level which is outdated and rarely found in industry today. These circuits are mixed with more modern 13,800 volt circuits added as electrical load requirements grew. The original outdoor lighting circuits operate in series, have 2,400 volts at the fixtures, and use equipment which is obsolete. Converting is required to eliminate health and safety risks, comply with codes and standards, comply with site design criteria, and upgrade or eliminate obsolete systems.

Technical Scope Detail(Limit 104 lines or less):

This project will convert the outdated 2,400 volt electrical distribution

NARRATIVE Continued

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NARRATIVE Continued

circuits in the northern 300 Area to modern 13,800 volt circuits and place the distribution circuits underground. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'. The project is required in order to provide an electrical distribution system for the northern 300 Area which is safe, efficient, reliable, and maintainable. The project will also improve the lighting for the areas converted.

The electrical distribution and lighting circuits in the Hanford 300 Area were originally constructed in the Mid 1940s to serve World War II programs. The original main distribution circuits operate at the 2,400 volt level which is outdated and rarely found in industry today. These circuits are mixed with more modern 13,800 volt circuits added as electrical load requirements grew. Converting the 2,400 volt system is required to eliminate health and safety risks, comply with safety codes and standards, comply with site design criteria, and upgrade or eliminate obsolete systems. The original outdoor lighting circuits operate in series, have 2,400 volts at the fixtures, and use equipment which is obsolete. The modernized electrical distribution and lighting systems will provide more efficient lighting. This project will be conducted to support of environmental restoration mission needs, as well as meeting the lighting reduction requirements for the new site security initiative (Vision 2000) and energy conservation. New 13,800 volt power sources with associated equipment and new low voltage, parallel connected, lighting systems with high efficiency light fixtures will be provided.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):
Conceptual Design was completed March 1990. National Environmental Policy Act (NEPA) documentation (memo-to-file) was approved in August 1990. The A/E selection was completed and initiation of Definitive Design was initiated in June 1992 and completed in July 1993. A fixed price construction contract was awarded in November 1993. Physical construction was initiated in December 1993.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

In FY 1995, construction will be completed in March. Project closeout will occur in June.

Planning Year (FY 1996) Description(Limit 156 lines or less):

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NARRATIVE Continued

There is no activity planned for this line item in FY 1996.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

There will be no activity for this line item in the outyears.

Impacts/Assumptions(Limit 42 lines or less):

The extent of low level radioactive contaminated soil will not be known until construction and could impact cost and schedule. The handling of polychlorinated biphenyl (PCB) contaminated equipment was assumed to be outside of the project scope. Unexpected underground utilities and environmental remediation areas may affect the extent of work. There are no key issues for this project.

Supporting Documents(Limit 5 lines or less):

National Electrical Safety Code ANSI C2, Section 23, DOE 5480.4 (Attachment 2, item 5).

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE 5480.4, Environmental Protection Safety and Health Protection Standards; National Electrical Safety Code ANSI C2, Section 23.

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Date: 6/01/1994 Time: 14:09

Operations Office: RL ID No.: 6680- 11 Revision Date: 4/20/1994
ADS Title: 95-D-424, 324 FACILITY COMPLIANCE/RENOVATION
WBS No.: 1.6.8.2.5.17 Category: FT Appr.:
Project Title: 95-D-454, 324 FACILITY C Facility/WAG: 324 FACILITY
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 95-D-XXX TPC: 6400 TEC: 5800
Contig: 1200
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: Y ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	0	60		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	1,500		D	3,538	3,538	3,538	0
				E	0	0	0	0
TOTAL	0	1,560		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	3,538	3,538	3,538	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	38
CE	0
GPP	0
LI	3,500
TOTAL	3,538

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	38	64	35	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	3,500	800	0	0	0
TOTAL	3,538	864	35	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	38	64	35	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	3,500	800	0	0	0
TOTAL	3,538	864	35	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 95-D-424, 324 FACILITY COMPLIANC							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	3,538	3,538	3,538
EW7030000	0	60		E	0	0	0
35EW70300	0	0		F	0	0	0
39EW70300	0	0		G	0	0	0
39EW70300	0	1,500		H	0	0	0
				I	0	0	0
TOTAL	0	1,560		TOTAL	3,538	3,538	3,538

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	38
35EW70300	0
39EW70300	0
39EW70300	3,500
TOTAL	3,538

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	38	64	35	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	3,500	800	0	0	0
TOTAL	3,538	864	35	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	38	64	35	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	3,500	800	0	0	0
TOTAL	3,538	864	35	0	0

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Date: 6/01/1994

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Time: 14:10

— A106 Cross References —

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

— Tiger Team Cross References —

Tiger Team Finding Number:

Date:

Title:

— FY95-99 ADS Cross References —

ADS #: RL 6686 0

Title: 95-D-424, 324 FACILITY COMPLIANCE/RENOVATION

Transferred in its entirety: Y

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

— MILESTONES —

Milestone No.: none

Milestone Seq: 6680-11-0005

TPA MS NO.: NONE

Title: DEFINITIVE DESIGN COMPLETION (D-424)

Planning Date

Target Date

Decrement Date

Level: CNTR

Keyword: O

2/28/1996

2/28/1996

2/28/1996

PTS: N

SMS: Y

Driver Name: DOE

Driver Reference: DOE 5480.4, 29 CFR PART 1910

PRESENT IN

Tiger Team: N

Program Execution Guidance: N

Roadmap: N

Current Year Workplan: N

Safety and Health: Y

Description:

NONE.

— MILESTONES Continued —

Environmental Management
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~~MILESTONES Continued~~

Milestone No.: NONE Milestone Seq: 6680-11-0010 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION (D-424)
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4, 29 CFR PART 1910
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
NONE.

~~NARRATIVE~~

LAST UPDATE: 04-23-1994 TIME: 15:52:38

Technical Scope Summary(Limit 15 line or less):

The technical scope of this activity consists of bringing certain 324 Building systems into compliance with Federal Requirements and DOE Orders; avoid near-term adverse impact on workers, the public, and the environment; and assure continuity of operations to meet requirements of key Hanford programs. The Line Item (LI) is required in support of ongoing environmental programs and supporting programs to the Tri-Party Agreement (TPA). The deteriorated, contaminated, or noncompliant building systems in this project must be renovated in accordance with U.S. Department of Energy (DOE) Orders, federal codes, and state regulations.

Technical Scope Detail(Limit 104 lines or less):

The technical scope of this activity consists of bringing certain 324 Building systems into compliance; avoid near-term adverse impact on workers, the public, and the environment; and assure continuity of operations to meet requirements of key Hanford programs. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'. The Line Item (LI) is required in support of ongoing environmental programs and supporting programs to the Tri-Party Agreement (TPA). The deteriorated, contaminated, or noncompliant building systems in this project must be renovated in accordance with U.S. Department of Energy (DOE) Orders, federal codes, and state regulations.

Operating costs reflect funding requirement for validation efforts and direct support to the authorized LI project.

The construction scope includes: replacing worn out and deteriorated

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

electrical service equipment which are very old and difficult to maintain because key parts are no longer manufactured; replacing wiring and connections which violate the NEC; installing seismic bracing, supports, couplings, standpipes, fire department connections, backflow preventers and adding heads to the fire sprinkler system.

Building 324 houses programs that support strategic environmental agreements and programs such as Hanford Waste Vitrification program, the Grout Project, and the Double-Shell Slurry/Feed Retrieval System.

The facility compliance/renovation work covered by this ADS extends the life of the 324 Building and corrects compliance issues not included in other ADSs.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Activities completed to date are the Engineering Study (ES) in February 1991, the Functional Design Criteria (FDC) in November 1992, the Conceptual Design Report (CDR) in April 1993, and validation in May 1993.

In FY 1994, the Project Management Plan will be completed September 1994.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

In FY 1995, the project authorization will be received and the Definitive Design (DD) will begin in February. The DD will be 30 percent complete in May.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In FY 1996, DD will be complete in February. Construction starts in April 1996.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In FY 1997, construction will be completed in September, and operational start up will be accomplished in FY 1998.

Impacts/Assumptions(Limit 42 lines or less):

The 324 building supports numerous environmental restoration and waste management projects at the Hanford site.

There is concern that this facility would not be able to safely and efficiently support the cleanup mission activities at Hanford if the upgrades are not performed.

The key scope assumption is that the 324 Building will continue to support current strategic programs and the regulatory drivers (DOE or external)

~~NARRATIVE Continued~~

Environmental Management
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NARRATIVE Continued

will not be revised. The key cost assumptions are those enumerated in the KEH construction cost estimates which includes inflation and all design and construction costs. The key time assumption is that funding is received on schedule.

Supporting Documents(Limit 5 lines or less):

29CFR OSHA Part 1910, Section 1910.302-.308; CAA (40CFR 61.92); NFPA 13 1-2 Fire Sprinklers; RLIP 5480.10 Part D, Attach. D-1; DOE 5480.4, Environ. Prot., S&H Prot. Standards, Attach. 2, Para. 2.e.5.a; DOE 5480.4, Attach. 2, Section 2.C, Environ. Prot., S&H Prot. Standards; 5480.7 (6) (e), Fire Prot.; 5480.10, Contractor Indust. Hygiene Prog; 5480.11 9(g) (3) (a).

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

CAA:

CAA(40CFR 61.92);

DOE:

DOE 5480.4, Envir Prot: Safety & Health Prot Stand, Att 2, Par 2e5a and Sec 2C, Environ Prot, S&H Prot. Stand; DOE 5480.7, 6e, Fire Prot; 5480.10, Contractor Ind Hygiene Prog; DOE 5480.11 9g3a; Natl Fire Prot Agency 13, 1-2, Fire Sprinklers

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

OSHA:

29CFR OSHA Part 1910, Section 1910.302-1910.308

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Date: 6/01/1994

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Time: 14:11

Operations Office: RL ID No.: 6680- 12 Revision Date: 4/20/1994
ADS Title: 93-D-391, 325 FACILITY COMPLIANCE/RENOVATION
WBS No.: 1.6.8.2.5.12 Category: FT Appr.:
Project Title: 93-D-184, 325 FACILITY C Facility/WAG: 325 FACILITY
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 93-D-184 TPC: 6410 TEC: 6000
Contig: 1200
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	0	34		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	3,500	1,000		D	36	36	36	0
				E	0	0	0	0
TOTAL	3,500	1,034		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	36	36	36	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	36
CE	0
GPP	0
LI	0
TOTAL	36

Environmental Management
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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	36	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	36	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	36	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	36	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
FY96 Field Submission
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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 93-D-391, 325 FACILITY COMPLIANC								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	36	36	36	0
EW7030000	0	34		E	0	0	0	0
35EW70300	0	0		F	0	0	0	0
39EW70300	0	0		G	0	0	0	0
39EW70300	3,500	1,000		H	0	0	0	0
				I	0	0	0	0
TOTAL	3,500	1,034		TOTAL	36	36	36	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	36
35EW70300	0
39EW70300	0
39EW70300	0
TOTAL	36

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	36	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	36	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	36	0	0	0	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
TOTAL	36	0	0	0	0

Environmental Management
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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6687 0

Title: 93-D-391, 325 FACILITY COMPLIANCE/RENOVATION

Transferred in its entirety: Y

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-12-0015 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN, 325 FACILITY COMP/REN 93-D-391
Planning Date Target Date Decrement Date Level: FO Keyword: O
11/30/1993 11/30/1993 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.11, 5400.XY
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
NOT COMPLETE AT THIS TIME. FORECASTED COMPLETION DATE IS 4/30/94.

Milestone No.: NONE Milestone Seq: 6680-12-0020 TPA MS NO.: NONE
Title: START CONSTRUCTION, 325 FAC. COMPLIANCE/RENOVATION (93-D-391)
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/03/1994 1/03/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.11, 5400.XY
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
CONSTRUCTION WAS INITIATED FOR PROJECT D-391 ON NOVEMBER 28, 1993.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6680-12-0005 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION (93-D-391)
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1995 6/30/1995 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.11, 5400.XY
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
COMPLETE CONSTRUCTION FOR PROJECT D-391.

Milestone No.: NONE Milestone Seq: 6680-12-0010 TPA MS NO.: NONE
Title: PREPARE OTP'S
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/30/1996 4/30/1996 4/30/1996 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.11, 5400.XY
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
NONE.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:49:26

Technical Scope Summary(Limit 15 line or less):

This Line Item (LI) brings the 325 Building into compliance with Federal Regulations; avoids near-term adverse impact on workers, the public, and the environment; and assures continuity of operations to meet requirements of key Hanford programs.

Technical Scope Detail(Limit 104 lines or less):

This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'.

Construction scope includes: Separating electrical switchgear from fire-exit paths; replacing electrical panels which are very old and difficult to maintain because key parts are no longer manufactured; replacing wiring and connections which violate the National Electrical Code (NEC); replacing deteriorated circuit trips on building switchgear; upgrading the fire alarm and sprinkler system; replacing the B-Unit recirculating air handler;

NARRATIVE Continued

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providing alcoves or alternate means of emergency egress around Personnel Contamination Monitors (PCMs) currently located in exit paths, refurbishment of the second floor office area to provide emergency egress, installation of backflow prevention assemblies on all fire risers, refurbishment of the loading and gas bottle dock areas, modification of the front entrance to provide a suitable exit path and provide handicap access with access controls.

This project is a Priority 1. The required modifications to the 325 building will enhance work safety by upgrading the Fire protection systems, electrical system to meet NEC, NFPA and relocating obstructions from the emergency exit paths.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Value Engineering Study was completed and the recommendations have been incorporated by the design team. Definitive Design was initiated in April 1993 and is scheduled for completion in April 1994. Construction was initiated in November 1993.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

In FY 1995, construction will be complete in June.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In FY 1996, Operational Test Procedure (OTP) activity is planned.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Project completed in FY 1996. No activity is planned during these years.

Impacts/Assumptions(Limit 42 lines or less):

The facility compliance/renovation work extends the operating life of the 325 Building and corrects compliance issues not included in other Activity Data Sheets (ADSs).

The cost and schedule baseline have been established in the approved conceptual design report dated April 30, 1991.

Cost estimate is based on the FDC, CDR, and Validation done in April 1991.

Supporting Documents(Limit 5 lines or less):

EPA 40 Code of Federal Regulations 61, Subparagraph H, National Emission Standard for Hazardous Air Pollutants, DOE 5400.XY Radiological Effluent Monitoring and Environmental Surveillance, DOE Order 5480.11, Paragraph

~~NARRATIVE Continued~~

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NARRATIVE Continued

9(g)(3)(a), Radiation Protection for Occupational Workers, RLIP 5480.10
(3)(b) and Washington State-RL Agreement-In April 1989.

Performance Measures(Limit 15 lines or less):

Provide adequate levels of Landlord support to meet program missions.

(b) Reduce non-compliance items by 10%.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

DOE 5400. XY Radiological Effluent Monitoring and Environmental
Surveillance; DOE Order 5480.11, Paragraph 9(g)(3)(a), Radiation
Protection for Occupational Workers; RLIP 5480.10 3b and Washington State-
RL Agreement in April 1989.

FED:

EPA 40 Code of Federal Regulations 61, subparagraph H, National Emission
Standard for Hazardous Air Pollutants.

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Environmental Management
FY96 Field Submission
Activity Data Sheet

RL-6680-13-

Date: 6/01/1994

Page: 1
Time: 14:12

Operations Office: RL ID No.: 6680- 13 Revision Date: 4/18/1994
ADS Title: 96-L-116, 200 AREA SANITARY SEWER SYSTEM
WBS No.: 1.6.8.2.5.18 Category: FT Appr.:
Project Title: 96-L-116, 200 AREA SANIT Facility/WAG: 200 AREA SANITARY SEWER SYSTEM
Installation: HANFORD CID: RL10930 ZOVHD: 18
For Line Item Project: 96-D-XXX TPC: 34400 TEC: 33400
Contig: 5500
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 100 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: N IAG: N OSHA: N ORD: N ST : Y TRI : N FED : Y FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	GATEGORY PLAN	IMM RISK
OE	270	95		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	1,871	1,871	1,871	-0
				E	0	0	0	0
TOTAL	270	95		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	1,871	1,871	1,871	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	71
CE	0
GPP	0
LI	1,800
TOTAL	1,871

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	71	55	92	85	50
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,800	4,000	14,200	13,400	0
TOTAL	1,871	4,055	14,292	13,485	50

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	0	1	1	0
Indirect	1	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	71	55	92	85	50
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,800	4,000	14,200	13,400	0
TOTAL	1,871	4,055	14,292	13,485	50

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	0	1	1	0
Indirect	1	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
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Budget Detail Profile

DESC: LANDLORD					FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM	RISK
TITLE: 96-L-116, 200 AREA SANITARY SEWE									
APPROP: D									
				A	0	0	0		0
				B	0	0	0		0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0		0
EW7030000	270	95		D	1,871	1,871	1,871		0
35EW70300	0	0		E	0	0	0		0
39EW70300	0	0		F	0	0	0		0
39EW70300	0	0		G	0	0	0		0
				H	0	0	0		0
				I	0	0	0		0
TOTAL	270	95		TOTAL	1,871	1,871	1,871		0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	71
35EW70300	0
39EW70300	0
39EW70300	1,800
TOTAL	1,871

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	71	55	92	85	50
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,800	4,000	14,200	13,400	0
TOTAL	1,871	4,055	14,292	13,485	50

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	71	55	92	85	50
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,800	4,000	14,200	13,400	0
TOTAL	1,871	4,055	14,292	13,485	50

Environmental Management
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Al06 Cross References

Al06 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 6670 0

Title: GENERAL ADMIN SUPPORT/BUILDINGS

Transferred in its entirety: N

Explanation of Change:

Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-13-0030 TPA MS NO.: NONE
Title: COMPLETE CONCEPTUAL DESIGN, 200A SANITARY SEWER SYS. (96-L-116)
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1993 12/31/1993 PTS: N SMS: Y
Driver Name: ST Driver Reference: WAC 246-272
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
CONCEPTUAL DESIGN FOR THE 200 AREA SANITARY SEWER SYSTEM WAS COMPLETED IN JANUARY 1994.

Milestone No.: Milestone Seq: 6680-13-0020 TPA MS NO.: NONE
Title: START DEFINITIVE DESIGN, 200 AREA SANITARY SEWER SYSTEM
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/15/1996 1/15/1996 1/15/1996 PTS: N SMS: Y
Driver Name: ST Driver Reference: WAC 246-272
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE ARCHITECT ENGINEER WILL BE INSTRUCTED TO BEGIN DEFINITIVE DESIGN ACTIVITIES.

MILESTONES Continued

Environmental Management
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MILESTONES Continued

Milestone No.: Milestone Seq: 6680-13-0005 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN, 200 AREA SANITARY SEWER SYSTEM
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/15/1997 5/15/1997 PTS: N SMS: Y
Driver Name: ST Driver Reference: WAC 246-272
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE DEFINITIVE DESIGN DOCUMENTS WILL BE APPROVED BY THE OPERATING CONTRACTOR.

Milestone No.: Milestone Seq: 6680-13-0010 TPA MS NO.: NONE
Title: START CONSTRUCTION, 200 AREA SANITARY SEWER SYSTEM
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/15/1997 6/15/1997 PTS: N SMS: Y
Driver Name: ST Driver Reference: WAC 246-272
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE LETTER OF INSTRUCTION WILL BE ISSUED TO INITIATE CONSTRUCTION ACTIVITIES.

Milestone No.: Milestone Seq: 6680-13-0025 TPA MS NO.: NONE
Title: START FIELD CONSTRUCTION, 200 AREA SANITARY SEWER SYSTEM
Planning Date Target Date Decrement Date Level: FO Keyword: O
11/15/1997 11/15/1997 PTS: N SMS: Y
Driver Name: ST Driver Reference: WAC 246-272
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE NOTICE TO PROCEED ISSUED TO FIXED PRICE CONTRACTOR TO INITIATE FIELD CONSTRUCTION.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 6680-13-0015 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION, 200 AREA SANITARY SEWER SYSTEM
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/2000 3/31/2000 PTS: N SMS: Y
Driver Name: ST Driver Reference: WAC 246-272
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
SECTION I OF THE OFFICIAL ACCEPTANCE OF CONSTRUCTION FORM WILL BE APPROVED.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:54:14

Technical Scope Summary(Limit 15 line or less):

This project will provide a new centralized sanitary waste water collection, treatment, and disposal system for the 200 Area. The new sanitary sewer system will consist of approximately 100,000 linear feet of underground gravity sewer collection lines with some pressurized collection legs and a centralized treatment and disposal system. The centralized treatment and disposal system proposed is a system of plastic, membrane-lined, evaporative lagoons. The collection system would discharge to a lagoon system, one each in 200 East and West Areas. The lagoon system would not discharge waste water to the soil or waters of Washington, thus meeting the goal of the Tri-Party Agreement (TPA) and the 216 Consent Order No. DE91NM-177 to stop discharge of untreated waste water to the soil and ground water. The new system will replace the approximately 50 individual sanitary disposal systems serving approximately 200 facilities in the 200 Area. These systems currently are discharging approximately 90,000 gallons per day of waste water to the soil.

Technical Scope Detail(Limit 104 lines or less):

This project will provide a new centralized sanitary waste water collection, treatment, and disposal system for the 200 Area. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'. The new sanitary sewer system will consist of approximately 100,000 linear feet of underground gravity sewer collection lines with some pressurized collection legs and a centralized treatment and disposal system. An independent engineering firm has prepared an engineering study that recommends a plastic membrane-lined evaporative lagoon system for the treatment and disposal portion of the new system. The collection system would discharge to a lagoon system, one each

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NARRATIVE Continued

in 200 East and West Areas. The lagoon system would not discharge waste water to the soil or waters of Washington, thus meeting the goal of the Tri-Party Agreement (TPA) and the 216 Consent Order No. DE91NM-177 to stop discharge of untreated waste water to the soil and ground water.

Historically, liquid sanitary waste treatment and disposal in the 200 Area has been accomplished through the use of individual septic tank/drainfield systems. There are approximately 50 individual sanitary disposal systems serving approximately 200 facilities in the 200 Area discharging approximately 90,000 gallons per day (gpd) of waste water to the soil. Many of the existing systems are failing because of age or inadequate installation and/or maintenance, and are undersized for the population they support. Also, most of the systems cannot be permitted for use in accordance with current local, state, and federal regulations. This new system would be sized to meet the current and future needs of the Environmental Restoration (ER) and Waste Management (WM) mission activities in the 200 Area.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

The project was submitted as a candidate FY 1996 LI Project in November 1992. The Engineering Study was completed in December 1992 and issued in March 1993. The Functional Design Criteria was submitted to DOE for approval in March 1993 and approved in June 1993. The conceptual design started in June 1993 and was transmitted to DOE for approval in January 1994. Project validation is planned for the third quarter of FY 1994. NEPA activities were initiated in September 1993 and should complete by December 1994.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

The Architect/Engineer (A/E) selection will be initiated in the second quarter of the year with A/E award expected in December 1995. The project management plan and request for project authorization will be prepared and submitted to RL in September 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Definitive design will be initiated in January by the offsite A/E and will continue through 1996.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Definitive design will complete May 1997. Construction activities will be started in June 1997 with fixed price construction bid and award. Field construction will start in November 1997 and complete in March 2000. The

NARRATIVE Continued

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NARRATIVE Continued

new system would be fully operational by July 2000.

Impacts/Assumptions(Limit 42 lines or less):

It is assumed that the activities in the 200 Area to support ER and WM goals for the Hanford Site will proceed as described in the Multi Year Program Plan and the Hanford Mission Plan. It has also been assumed that existing large onsite sanitary systems will continue to fail. Therefore, emergency replacement systems or long term pumping of failed systems will be required to operate within acceptable health, safety, and environmental margins. The project supports the TPA and the 216 Consent Order to eliminate or greatly reduce discharges of waste water to the Hanford soil and ground water.

The projected cost of this project is based on a preliminary conceptual design using unit costs for specific material from current vendor quotes and construction labor rates based on the current Kaiser Engineers Hanford Company (KEH) craft rates for Hanford as issued by KEH Finance. The project budget estimate developed at the conceptual design phase are based on guidelines in DOE Order 5100.4 and includes the appropriate escalation, contingency, and Hanford factors approved by DOE for proposed Line Item (LI) projects.

A further assumption of this subactivity is that the project will continue to be funded as a Fiscal Year (FY) 1996 LI project and be validated in FY 1994. Operating expense funds budgeted for this subactivity are based on historical costs at Hanford for similar projects and current Hanford liquidation rates for the Operating Contractor.

Supporting Documents(Limit 5 lines or less):

Washington Administrative Codes (WAC): (1) WAC 246-272-040 (formerly 248-96-040), WAC 173-216-040. Hanford Federal Facility Agreement and Consent Order - Liquid Effluents (DE 91 NM-177), Section 3.4.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS
DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

FED:

Hanford Federal Facility Agreement and Consent Order - Liquid Effluents
(DE 91 NM-177), Section 3.4

ST:

Washington Administrative Codes (WAC); WAC 246-272-040, On-site Sewage
Disposal Application; WAC 173-216-040, State Waste Discharge Permit
Program - Authorization Required.

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Operations Office: RL ID No.: 6680- 14 Revision Date: 4/20/1994
ADS Title: 96-L-094, HANFORD FIRE DEPARTMENT FACILITIES
WBS No.: 1.6.8.2.5.19 Category: FT Appr.:
Project Title: 96-L-094, FIRE STATION A Facility/WAG: 200/300/1100 AREAS
Installation: HANFORD CID: RL10930 %OVHD: 18
For Line Item Project: 96-D-XXX TPC: 30800 TEC: 29700
Contig: 4500
CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
H.Q. Manager: FELDT, EG Phone: 202-586-1964
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N FFCA: N
OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	339	80		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	1,980	1,980	1,980	1,980
TOTAL	339	80		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	1,980	1,980	1,980	1,980

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	80
CE	0
GPP	0
LI	1,900
TOTAL	1,980

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	80	80	200	65	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,900	11,600	10,100	6,100	0
TOTAL	1,980	11,680	10,300	6,165	0

FTEs	FY94	FY95			
Direct	0	1			
Indirect	0	1			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	1	2	1	0
Indirect	1	1	1	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	80	80	200	65	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,900	11,600	10,100	6,100	0
TOTAL	1,980	11,680	10,300	6,165	0

FTEs	FY94	FY95			
Direct	0	1			
Indirect	0	1			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	1	2	1	0
Indirect	1	1	1	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 96-L-094, HANFORD FIRE DEPARTMEN									
APPROP: D									
						A			
						B			
						C			
						D			
B&R	FY94 APPR	FY95 PRES	FY95 APPR			E			
EW7030000	339	80				1,980	1,980	1,980	1,980
35EW70300	0	0				0	0	0	0
39EW70300	0	0				0	0	0	0
39EW70300	0	0				0	0	0	0
						I	0	0	0
TOTAL	339	80				TOTAL	1,980	1,980	1,980

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	80
35EW70300	0
39EW70300	0
39EW70300	1,900
TOTAL	1,980

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	80	80	200	65	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,900	11,600	10,100	6,100	0
TOTAL	1,980	11,680	10,300	6,165	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	80	80	200	65	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,900	11,600	10,100	6,100	0
TOTAL	1,980	11,680	10,300	6,165	0

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Al06 Cross References

Al06 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 6670 0
Title: GENERAL ADMIN SUPPORT/BUILDINGS
Transferred in its entirety: N
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

MILESTONES

Milestone No.: NONE Milestone Seq: 6680-14-0020 TPA MS NO.: NONE
Title: COMPLETE CONCEPTUAL DESIGN 96-L-094
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/28/1994 2/28/1994 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4, 5480.7
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
NOT COMPLETE AT THIS TIME. FORECASTED COMPLETION DATE IS 4/30/94.

Milestone No.: NONE Milestone Seq: 6680-14-0015 TPA MS NO.: NONE
Title: START DEFINITIVE DESIGN, FIRE STATION & FIRE/GROUND FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/15/1996 1/15/1996 1/15/1996 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4, 5480.7
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE ARCHITECT ENGINEER WILL BE INSTRUCTED TO BEGIN DEFINITIVE DESIGN ACTIVITIES.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: none Milestone Seq: 6680-14-0005 TPA MS NO.: NONE
Title: START CONSTRUCTION, FIRE STATION & FIRE/GROUND FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1997 1/31/1997 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4, 5480.7
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THE LETTER OF INSTRUCTION WILL BE ISSUED TO INITIATE CONSTRUCTION ACTIVITIES.

Milestone No.: NONE Milestone Seq: 6680-14-0010 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION, FIRE STATION & FIRE/GROUND FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/31/2000 5/31/2000 PTS: N SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.4, 5480.7
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
SECTION I OF THE OFFICIAL ACCEPTANCE OF CONSTRUCTION FORM WILL BE APPROVED.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:55:44

Technical Scope Summary(Limit 15 line or less):

This project will provide the Hanford Fire Department (HFD) with the facilities needed for personnel, equipment and training required by federal regulations, Washington State Codes, DOE Orders and National Consensus Standards. The project will replace the 200 Area and 300 Area fire stations and construct a fire and emergency response training and qualification facility.

The HFD provides sitewide fire suppression, emergency rescue, ambulance, hazardous material response and fire protection system services. The current facilities for equipment, personnel and training are antiquated, deteriorated and insufficient for supporting the Hanford Site Mission. This project will enable the 100 Area fire station to be closed by consolidating operations in expanded facilities.

Technical Scope Detail(Limit 104 lines or less):

Engineering Study, 'Fire Station Fire Ground Training Facility,' provides the justification for closing the 100 Area fire station, replacing the 300 Area fire station, and providing a central administration and training

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facility.

Memo, S. C. Richardson, to K. Nelson-Jensen, 'Project L-094, Fire Station/Fire Ground Training Facility - 200 Area Fire Station Disposition,' dated November 22, 1993, provides justification for replacing the 200 Area facility rather than upgrading the facility.

This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety.'

An assessment was made of the existing fire stations for compliance with the National Electrical Codes (NEC), 'Evaluation of Hanford Fire Systems,' deficiencies. The electrical systems did not comply with the NEC when the stations were designed and constructed. Alternative designs were allowed at the time of construction. As a result, the present electrical systems do not comply with the NEC, nor are they based on acceptable engineering practices. The existing fire stations are in violation of National Fire Protection Association (NFPA) standards for air circulation and space limitations. The ceilings throughout the personnel quarters, rest rooms, kitchen, day room and halls contain asbestos.

The HFD facility current and future requirements are defined based on the following: 1) needs to meet nationally recognized minimum fire attack response recommendations, 2) the need to meet training requirements of the 29CFR Part 1910 Code of Federal Regulations (CFR), and 3) the need to comply with current NFPA codes and standards.

Compliance to NFPA standards require changes in the HFD operations, training, and facilities. The NFPA standards are written to assure that minimum safety and health standards are specified for the organization, training and education, vehicles and equipment, protective equipment, emergency operations, facility safety, and medical requirements of the fire departments. The NFPA standards require that fire department facilities comply with all applicable health, safety, building, and fire code requirements. In addition, the regulations require formal training and demonstration of a variety of skills be accomplished, documented, and certified to ensure the fire department personnel are able to perform their assigned tasks.

In addition to mandatory NFPA standard compliance, DOE Orders require that the Hanford facilities meet the 'Improved Risk,' level of fire protection. The facilities at the Hanford Site are in widely separated clusters resulting in fire suppression response times that do not meet DOE requirements.

Construction of a replacement station in the 300 Area that provides for a
~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

consolidated headquarters buildings, construction of a replacement station in the 200 Area, and construction of fire ground training facilities are necessary.

Construction of a new 300 Area fire station, rather than rehabilitation and expansion of the existing facility, is recommended due to existing 300 Area space limitations and the cost to upgrade rather than replace. The 300 Area replacement station will provide the required minimum of two-engine response to hazardous materials incidents in the southern portion of the Site.

Construction of a headquarters facility to consolidate HFD personnel (management, administrative, technical services, fire prevention, and training) will enhance efficiency and improve management interface and span of control.

Construction of a new 200 Area fire station, rather than rehabilitation of the existing facility, is recommended due to the existing condition and cost to upgrade rather than replace. The 200 Area station will also provide the required minimum of two-engine response to hazardous materials incidents in the northern portion of the Site.

A fire ground training facility(s) is necessary to provide complete and comprehensive training of all aspects of fire fighting and emergency medical care. Training facilities will provide hands-on training capability required to fully comply with federal and state regulations and codes. Standards also require personnel to meet mandatory 'shall demonstrate' activities required by NFPA.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

In FY 1994, the conceptual design and project validation will be completed in April.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343K. These adjustments may require a FY 1995 budget amendment.

The Architect/Engineer selection will be initiated in the third quarter of the year for the 200 Area and 300 Area Fire Stations. In September, the Project Management Plan will be approved and the Request for Project Authorization made.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In FY 1996, definitive design for the Fire Station will be started in January.

~~NARRATIVE Continued~~

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NARRATIVE Continued

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In FY 1997, definitive design for the Fire Station will be completed in December 1996 and construction will be initiated in January.

In FY 1998, A/E Selection for the Fire Training Complex will begin in November 1997. Definitive design for the Fire Training Complex will start in May.

In FY 1999, definitive design for the Fire Training Complex will be completed in December 1998.

In FY 2000, construction will be completed in May.

Impacts/Assumptions(Limit 42 lines or less):

If this project is not fully supported, there may be a significant safety risk. In the event of an incident resulting in death of injury to on or off site personnel, the DOE may be legally liable due to current non-compliance to federal regulations regarding training.

It is assumed that the goals for the Hanford Site Fire Department will continue and remain an essential element of the site infrastructure which is responsible for the safety of personnel, the protection of government property, and mitigation of environmental damage.

Supporting Documents(Limit 5 lines or less):

- DOE 5480.4, 'Environmental Protection, Safety, and Health Protection Standards.'
- DOE 5480.7, 'Fire Protection'
- 29 CFR Part 1910, 'Hazardous Materials Training'
- DOE RLIP 4700.1A, 'Project Management System'

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS
DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

DOE:

DOE Order 5480.4, 'Environmental Protection, Safety, and Health Protection Standards,'; DOE Order 5480.7, 'Fire Protection,'; 29CFR Part 1910, 'Hazardous Materials Training,'; DOE Order RLIP 4700.1A, 'Project Management System.'

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Page: 1
Date: 6/01/1994 Time: 14:14

Operations Office: RL ID No.: 6680- 15 Revision Date: 4/23/1994
 ADS Title: 96-D-420, BUILDINGS UTILITY REPLACEMENT
 WBS No.: 1.6.8.2.5.20 Category: FT Appr.:
 Project Title: 96-D-420, BUILDINGS UTI Facility/WAG: 325 BUILDING/300 AREA
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 96-D-XXX TPC: 4300 TEC: 3800
 Contig: 700
 CNTR Manager: KOELLERMEIER, EM, ACTING MANAGER Phone: 509-376-4062
 O.O. Manager: PLAHUTA, MJ Phone: 509-376-7034
 H.Q. Manager: FELDT, EG Phone: 202-586-1964
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
 DOE: Y IAG: N OSHA: Y ORD: N ST : N TRI : N FED : N FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	109	72		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	1,150	1,150	1,150	0
				E	0	0	0	0
TOTAL	109	72		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	1,150	1,150	1,150	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	150
CE	0
GPP	0
LI	1,000
TOTAL	1,150

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	150	38	64	78	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,000	2,800	0	0	0
TOTAL	1,150	2,838	64	78	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	150	38	64	78	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	1,000	2,800	0	0	0
TOTAL	1,150	2,838	64	78	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
FY96 Field Submission
Activity Data Sheet

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Date: 6/01/1994

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Time: 14:14

Budget Detail Profile

DESC: LANDLORD						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 96-D-420, BUILDINGS UTILITY REPL									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
EW7030000	109	72			D	1,150	1,150	1,150	0
35EW70300	0	0			E	0	0	0	0
39EW70300	0	0			F	0	0	0	0
39EW70300	0	0			G	0	0	0	0
					H	0	0	0	0
					I	0	0	0	0
TOTAL	109	72			TOTAL	1,150	1,150	1,150	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7030000	150
35EW70300	0
39EW70300	0
39EW70300	1,000
TOTAL	1,150

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	150	38	64	78	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,000	2,800	0	0	0
TOTAL	1,150	2,838	64	78	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7030000	150	38	64	78	0
35EW70300	0	0	0	0	0
39EW70300	0	0	0	0	0
39EW70300	1,000	2,800	0	0	0
TOTAL	1,150	2,838	64	78	0

Environmental Management
FY96 Field Submission
Activity Data Sheet

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Page: 4
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— A106 Cross References —

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

— Tiger Team Cross References —

Tiger Team Finding Number: _____ Date: _____
Title: _____

— FY95-99 ADS Cross References —

ADS #: RL 6670 0
Title: GENERAL ADMIN SUPPORT/BUILDINGS
Transferred in its entirety: N
Explanation of Change:
Realignment of Work Breakdown Structure approved per Baseline Change Request LPM-094-004.

— MILESTONES —

Milestone No.: NONE Milestone Seq: 6680-15-0020 TPA MS NO.: NONE
Title: START CONCEPTUAL DESIGN, 96-D-420, BUILDING UTILITY REPLACEMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: O
4/15/1994 4/15/1994 PTS: N SMS: N
Driver Name: OSHA Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETED CDR 4/15/94, WILL BE SUBMITTED IN MAY FOR APPROVAL.

Milestone No.: NONE Milestone Seq: 6680-15-0015 TPA MS NO.: NONE
Title: START DEFINITIVE DESIGN (96-D-420)
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/28/1996 2/28/1996 2/28/1996 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE ARCHITECT ENGINEER WILL BE INSTRUCTED TO BEGIN DEFINITIVE DESIGN ACTIVITIES.

— MILESTONES Continued —

Environmental Management
FY96 Field Submission
Activity Data Sheet

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 6680-15-0005 TPA MS NO.: NONE
Title: START CONSTRUCTION (96-D-420)
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1996 12/31/1996 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THE LETTER OF INSTRUCTION WILL BE ISSUED TO INITIATE CONSTRUCTION ACTIVITIES.

Milestone No.: NONE Milestone Seq: 6680-15-0010 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION (96-D-420)
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/31/1998 5/31/1998 PTS: N SMS: Y
Driver Name: OSHA Driver Reference: NONE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
SECTION I OF THE OFFICIAL ACCEPTANCE OF CONSTRUCTION FORM WILL BE APPROVED.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 15:57:35

Technical Scope Summary(Limit 15 line or less):

This project will replace sanitary and process hot and cold water piping systems. Replace branch piping to individual rooms and laboratories as needed. Insulate the hot and some cold water piping. Remove certain obsolete and/or abandoned piping systems.

Technical Scope Detail(Limit 104 lines or less):

This project will upgrade existing utility systems in the 325 Applied Chemistry Laboratory. This project has been determined to be a Grumbly Initiative #2 that will, 'provide a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects. Worker health and safety is top priority, along with protecting public health and ensuring community and environmental safety'. The proposed work is broken down as follows:

-325 Building: Replace the existing main header lines for both hot and cold sanitary and hot and cold process water systems. Replace branch service lines to individual rooms or laboratories as needed. All hot water lines and certain cold water lines will be insulated. Approximately 7400

NARRATIVE Continued

Environmental Management
FY96 Field Submission
Activity Data Sheet

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Date: 6/01/1994 Time: 14:15

~~NARRATIVE Continued~~

feet of piping (four inches and under) would be installed with approximately 350 branch connections. These facilities support programs which in turn support meeting milestones in the Tri Party Agreement (TPA). DOE may not be able to meet these milestones if the facilities are not upgraded.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):
Activities completed to date are the Engineering Study (ES) in FY 1991, the Functional Design Criteria (FDC) in November 1993, the Conceptual Design Plan (CDP) in December 1993. In FY 1994, the Conceptual Design Report (CDR) and project validation meeting will be completed in April.

Budget Year (FY 1995) Description(Limit 52 lines or less):
Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,560K, resulting in a new total of \$49,343. These adjustments may require a FY 1995 budget amendment.

In FY 1995, the Project Management Plan will be completed September 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):
In FY 1996, the project authorization will be received and the Definitive Design (DD) will begin in February.

Outyears (FY 1997 - FY 2000). Description(Limit 78 lines or less):
The DD will be completed in October 1996 and construction will be initiated in December 1996 with completion in May 1998.

Impacts/Assumptions(Limit 42 lines or less):
The 325 building supports numerous environmental restoration and waste management projects at the Hanford site. There is concern that this facility would not be able to safely and efficiently support the cleanup mission activities at Hanford if the upgrades are not performed. It is assumed that the 325 Building will continue to support DOE missions and programs and that the regulatory drivers (DOE and external) will not change. The key cost assumptions are those enumerated in the KEH construction cost estimates which includes inflation and all design and construction costs. The key time assumption is that funding is received on schedule.

Supporting Documents(Limit 5 lines or less):
This project provides upgrades to laboratories used for research and analysis in support of environmental restoration and waste management. There is concern that the function of the building would not be able to safely and efficiently support such efforts as high level waste tank safety issue resolution and TPA milestones if the upgrades are not performed.

Performance Measures(Limit 15 lines or less):

~~NARRATIVE Continued~~

Environmental Management
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NARRATIVE Continued

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

OSHA:

This project provides upgrades to labs used for research & analysis in support of ER and WM. There is concern that the function of the bldg would not be able to safely & efficiently supt such efforts as high level waste tank safety issue resolution & TPA

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Environmental Management
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Activity Data Sheet

RL-6690-0 -

Page: 1
Date: 6/01/1994 Time: 14:15

Operations Office: RL ID No.: 6690- 0 Revision Date: 4/18/1994
 ADS Title: ENVIRONMENTAL SUPPORT - YAKIMA INDIAN NATION
 WBS No.: 1.6.8.1.2.2 Category: FT Appr.: D
 Project Title: ENVIRONMENTAL SUPPORT - Facility/WAG:
 Installation: RICHLAND OPERATIONS OFFICE CID: %OVHD: 0
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: Phone:
 O.O. Manager: James D. Bauer, Program Manager Phone: 509-376-5441
 H.Q. Manager: Margaret Fernandez, Phone: 202-586-5821
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: GWA: SDWA: RCRA: 3004U: TSCA: CERCLA: NEPA:
 DOE: IAG: OSHA: ORD: ST : TRI : FED : Y FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	673	1,600		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	673	1,600		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	1,800	1,800	1,800	0
				TOTAL	1,800	1,800	1,800	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	1,800
CE	0
GPP	0
LI	0
TOTAL	1,800

Environmental Management
FY96 Field Submission
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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,800	1,854	1,910	1,967	2,026
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,800	1,854	1,910	1,967	2,026

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,800	1,854	1,910	1,967	2,026
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,800	1,854	1,910	1,967	2,026

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
FY96 Field Submission
Activity Data Sheet

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Budget Detail Profile

DESC: PROGRAM SUPPORT				FY96 DRIVER		CATEGORY	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	
TITLE: YAKIMA INDIANS							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW7020000	673	1,600		E	0	0	0
35EW70200	0	0		F	0	0	0
39EW70200	0	0		G	0	0	0
39EW70200	0	0		H	0	0	0
			I	1,800	1,800	1,800	0
TOTAL	673	1,600		TOTAL	1,800	1,800	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	1,800
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	1,800

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	1,800	1,854	1,910	1,967	2,026
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	1,800	1,854	1,910	1,967	2,026

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	1,800	1,854	1,910	1,967	2,026
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	1,800	1,854	1,910	1,967	2,026

Environmental Management
FY96 Field Submission
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— A106 Cross References —

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

— Tiger Team Cross References —

Tiger Team Finding Number: _____ Date: _____
Title: _____

— FY95-99 ADS Cross References —

ADS #: RL
Title: _____
Transferred in its entirety: _____
Explanation of Change: _____

— MILESTONES —

Milestone No.:	Milestone Seq:	TPA MS NO.:
Title:		
Planning Date	Target Date	Decrement Date
		Level: Keyword:
		PTS: SMS:
Driver Name:	Driver Reference:	
PRESENT IN	Tiger Team:	Program Execution Guidance:
	Roadmap:	Current Year Workplan:
		Safety and Health:
Description:		

— NARRATIVE —

LAST UPDATE: 04-18-1994 TIME: 15:12:27

Technical Scope Summary(Limit 15 line or less):

This ADS covers the Waste Management portion (100%) for the Yakima Indian Nation (YIN) request for funding. Refer to grant DE-FG06-90RL-11979. This is in response to a commitment made by DOE-HQ to fund participation of the affected Tribes in Five-Year Planning and activities.

— NARRATIVE Continued —

Environmental Management
FY96 Field Submission
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Date: 6/01/1994 Time: 14:16

~~NARRATIVE Continued~~

Technical Scope Detail(Limit 104 lines or less):

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

The YIN is involved in reviewing the National Five-Year Plan, Site Specific Plan and other planning documents related to current and future Site use. The YIN are members of a number of working groups making recommendations on Site clean up. They have a full time staff and plan to hire additional people to assess effects on natural resources of the Hanford Site. Budget allocations have increased from \$342K in 1990 to \$969K in FY92. In the case of FY93, the YIN are currently seeking an increase from DOE-HQ EM-1 of \$800K in the FY93 budget. A definitive answer regarding FY93 for the Tribes is expected the week of 4-19. Assuming additional funding is found, a corresponding increase in out years is a reasonable assumption.

Budget Year (FY 1995) Description(Limit 52 lines or less):

FY 95 request was \$1.6M revised OMB request was \$869K. The funding is expected to be provided 100% by EM-60. The YIN have indicated a need to have increased funding to the level of \$2.027 to support active involvement in the Five-Year planning process both on the national and local level. Their scope of scope of work is expected to be much the same as previous years with the possibility of increased roles and responsibilities as a natural resource co-trustee. The request of \$2.027 is considerably higher than the anticipated available budget.

Planning Year (FY 1996) Description(Limit 156 lines or less):

The target was \$1.8M.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Outyear requirements would be continuation of those listed in previous years. Funding levels will be negotiated each year based on specific scope of work.

Impacts/Assumptions(Limit 42 lines or less):

The YIN budgets will be negotiated each year based on specific scope of work and the level of roles and responsibilities assumed by the YIN. The YIN requests are much higher than the target levels established by the DOE and OMB. The YIN continue to want to play a greater role in decision making and their need for increased funding has an impact on DOE's ability to adequately find other affected tribes participation. Appropriate allocation of available funds between affected tribes remains a key issue.

Supporting Documents(Limit 5 lines or less):

~~NARRATIVE Continued~~

Environmental Management
FY96 Field Submission
Activity Data Sheet

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NARRATIVE Continued

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

FED:

It is absolutely imperative that ADSs reflect the views of the Department's stakeholders. Therefore ADSs must be developed in consultation with the Yakima Indian Tribes in a process consistent with the recommendations presented in the Federal Facilities

Environmental Management
FY96 Field Submission
Activity Data Sheet

RL-6691-0 -

Date: 6/01/1994

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Time: 14:16

Operations Office: RL ID No.: 6691- 0 Revision Date: 4/18/1994
ADS Title: ENVIRONMENTAL SUPPORT - NEZ PERCE INDIAN NATION
WBS No.: 1.3.7.1.6 Category: FT Appr.: D
Project Title: ENVIRONMENTAL SUPPORT-NE Facility/WAG:
Installation: RICHLAND OPERATIONS OFFICE CID: %OVHD: 0
For Line Item Project: TPC: TEC:
Contig: 0
CNTR Manager: Phone:
O.O. Manager: JAMES D BAUER, PROGRAM MGR Phone: 509-376-5441
H.Q. Manager: MARGARET FERNANDEZ Phone: 202-586-5821
Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: CWA: SDWA: RCRA: 3004U: TSCA: CERCLA: NEPA:
DOE: IAG: OSHA: ORD: ST : TRI : FED : Y FFCA:
OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	337	1,200		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	337	1,200		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	1,400	1,400	1,400	0
				TOTAL	1,400	1,400	1,400	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	1,400
CE	0
GPP	0
LI	0
TOTAL	1,400

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FY96 Field Submission
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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,400	1,442	1,485	1,530	1,576
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,400	1,442	1,485	1,530	1,576

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,400	1,442	1,485	1,530	1,576
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,400	1,442	1,485	1,530	1,576

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
FY96 Field Submission
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Budget Detail Profile

DESC: PROGRAM SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: NEZ PERCE INDIANS									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7020000	337	1,200			E	0	0	0	0
35EW70200	0	0			F	0	0	0	0
39EW70200	0	0			G	0	0	0	0
39EW70200	0	0			H	0	0	0	0
					I	1,400	1,400	1,400	0
TOTAL	337	1,200			TOTAL	1,400	1,400	1,400	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	1,400
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	1,400

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	1,400	1,442	1,485	1,530	1,576
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	1,400	1,442	1,485	1,530	1,576

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	1,400	1,442	1,485	1,530	1,576
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	1,400	1,442	1,485	1,530	1,576

Environmental Management
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A106 Cross References

A106 Number:

Date:

Title:

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL

Title:

Transferred in its entirety:

Explanation of Change:

MILESTONES

Milestone No.:

Milestone Seq:

TPA MS NO.:

Title:

Planning Date

Target Date

Decrement Date

Level:

Keyword:

PTS:

SMS:

Driver Name:

Driver Reference:

PRESENT IN

Tiger Team:

Program Execution Guidance:

Roadmap:

Current Year Workplan:

Safety and Health:

Description:

NARRATIVE

LAST UPDATE: 04-18-1994 TIME: 15:26:46

Technical Scope Summary(Limit 15 line or less):

This ADS covers the Waste Management portion (100%) for the Nez Perce Tribe request for funding. Refer to grant No. DE-FG06-92ER12539. This is in response to a commitment made by DOE-HQ to fund participation of the affected tribes in Five-Year Planning and activities.

NARRATIVE Continued

Environmental Management
FY96 Field Submission
Activity Data Sheet

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Date: 6/01/1994

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NARRATIVE Continued

Technical Scope Detail(Limit 104 lines or less):

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

The Nez Perce Tribe is involved in reviewing the National Five-Year Plan, Site Specific Plan and other planning documents related to current and future Site use. The Nez Perce are members of a number of working groups making recommendations on Site clean up. They have a full time staff and plan to hire additional people to assess effects on natural resources of the Hanford Site. Budget allocations have increased from \$100K in 1992 to \$400K in FY93. The Nez Perce received \$437K for FY94.

Budget Year (FY 1995) Description(Limit 52 lines or less):

The funding is expected to be provided 200% by EM-6. The Nez Perce have indicated a need to have increased funding to the level of \$1.2 to support active involvement in the Five-Year planning process both on the national and local level. Their scope of work is expected to be much the same as previous years with the possibility of increased roles and responsibilities as a natural resource co-trustee. The request of \$1.2 is considerably higher than the anticipated available budget.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Outyear requirements would be continuation of those listed in previous years. Funding levels will be negotiated each year based on specific scope of work.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Impacts/Assumptions(Limit 42 lines or less):

The Nez Perce requests are much higher than the target levels established by the DOE and OMB. The Nez Perce continue to want to play a greater role in decision making and their need for increased funding has an impact on DOE's ability to adequately find other affected tribes participation. Appropriate allocation of available funds between affected tribes remains a key issue.

Supporting Documents(Limit 5 lines or less):

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

NARRATIVE Continued

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DESCRIPTION OF REGULATORY DRIVERS